

HSR/FRESNO St PROJECT (06-2HT201)

DRAWING	DRAWING DESCRIPTION		CURRENT STATUS 5-30-12	
DESIGN	TITLE SHEET	1	100%	
DESIGN	DESIGN INDEX OF DRAWINGS DESIGN TYPICAL CROSS SECTIONS, X-1 - X-3		100%	
DESIGN			100%	
DESIGN	LAYOUT, L-1, L-2	2	100%	
DESIGN	PROFILE, P-1, P-2	2	100%	
DESIGN	CONSTRUCTION DETAILS, C-1 - CO6 & C-10 - C-14	11	100%	
DESIGN	CONSTRUCTION DETAILS, C-7 - C-9	3	70%	
DESIGN	DRAINAGE PLAN, D-1, D-2	2	100%	
DESIGN	DRAINAGE PROFILES, DP-1 - DP-6	6	100%	
DESIGN	DRAINAGE DETAILS, DD-1 - DD-6	6	100%	
DESIGN	DRAIANGE QUANTITIES, DQ-1, DQ-2	2	100%	
DESIGN	UTILITY PLAN, U-1, U-2	2	60%	
TRAFFIC	TRAFFIC DETOUR PLAN, DE-1 TRAFFIC TRAFFIC HANDLING PLAN, TH-1, TH-2		100%	
TRAFFIC			100%	
TRAFFIC	TRAFFIC TRAFFIC HANDLING DETAILS, THD-1		100%	
TRAFFIC	TRAFFIC TRAFFIC HANDLING QUANTITIES, THQ-1		100%	
TRAFFIC	PAVEMENT DELINEATION AND SIGN PLAN, PD-1, PD-2	2	100%	
TRAFFIC	TRAFFIC PAVEMENT DELINEATION AND SIGN QUANTITIES, PDQ-1, PDQ-2		100%	
TRAFFIC	SIGN DETAILS, SD-1	1	1 00%	
DESIGN	SN SUMMARY OF QUANTITIES		100%	
ELECTRICAL	CITY STREET LIGHT AND SIGN ILLUMINATION, E-1 - E-3	3	100%	
ELECTRICAL	MODIFY SIGNAL AND LIGHTING, MODIFY CLOSED CIRCUIT TELEVISION, E-4 - E-8	5	100%	
ELECTRICAL	FIBER OPTIC CONVENTION (ELECTRICAL DETAIL)	1	100%	
-	TOTAL SHEETS	62		

LEGEND

NATURAL GAS	g	g
ELECTRICAL	е	e
ELECTRICAL (OVERHEAD)	e	(oh)
SEWER		s
WATER	- — w — — — —	
STORM DRAIN	sd	sd
TELEVISION		tv
FIBER OPTIC	fo	- fo
TELEMETER (OVERHEAD)	tc	-(oh)
OIL		
PLACE HMA (Misc AREA)		

Dist COUNTY ROUTE 06 Hillsto Boxx 5/29/12 PROFESSION BATE GILBERTO GILBERTO BACA No. 63140 Exp 6/30/12 PLANS APPROVAL DATE THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ABBREVIATIONS

(ABBREVIATIONS CONTINUED)

Abut	ABUTMENT		PCC	PORTLAND CEMENT CONCRETE
	ASPHALT CONCRETE		Ped	
	ANGLE POINT		PG	PROFILE GRADE
Beq			POC	POINT OF CURVE
			POT	
BC Br	BRIDGE		Pvmt	PAVEMENT
BVC	BEGIN VERTICAL CURVE		R	RADIUS
	CALIFORNIA HIGH SPEED		RCP	REINFORCED CONCRETE PIPE
	RAIL AUTHORITY		Ret	RETAINING
CF	CUBIC FOOT		R†	RIGHT
CHSR	CALIFORNIA HIGH SPEED RAIL		RW	RETAINING WALL
CI	CLASS		R/W S	RIGHT OF WAY
Conc	CONCRETE		S	SOUTH, SLOPE
Const	CONSTRUCTION		SD	STORM DRAIN
CY	CUBIC YARD		ShId	SHOULDER
Det	DETAIL, DETOUR		SQFT	SQUARE FOOT
DI	DRAINAGE INLET, DROP INLET DIAMETER		SQYD	SQUARE YARD
Dia	DIAMETER		SQYD St	STREET
DWY	DRIVEWAY		Sta	STATION
EΑ	EACH		Str	STRUCTURE
EC	END CURVE		S₩	SIDEWALK
Elev	ELEVATION EDGE OF PAVEMENT		T	SEMI-TANGENT
			Tot	TOTAL
ES	EDGE OF SHOULDER		Trans	TRANSITION
	END VERTICAL CURVE		Тур	TYPICAL
	EXISTING		UP	UNDERPASS
FL	FLOW LINE FIBER OPTIC		UPRR	UNION PACIFIC RAILROAD VARIABLE, VARIES
FT			VC	
Н	HEIGHT		Œ	CENTERLINE
НМА	HOT MIX ASPHALT			
IF	INSIDE FACE LENGTH, ANGLE (STRUCTURAL S POUND			
L	LENGTH, ANGLE (STRUCTURAL S	TEEL :	SHAPE)	
LF	LINEAR FOOT			
LOL				
L†	LEFT			
Max	MAXIMUM			
MBGR				
MH	MANHOLE			
Min	MINIMUM			
Misc	MISCELL ANEOUS			
Mod	MODIFIED, MODIFY			
No. OD	NUMBER OUTSIDE DIAMETER			
OG OG				
00	ONIGINAL GROUND			CHEET INDE

SHEET INDEX

NO SCALE

BORDER LAST REVISED 7/2/2010

REVISED BY

GILBERTO BACA

CALCULATED-DESIGNED BY

ROBERTO BANDA

DESIGN DIVISION

DEPARTMENT OF

STATE OF CALIFORNIA

USERNAME => s133630 DGN FILE => 062HT2Oab002.dgn

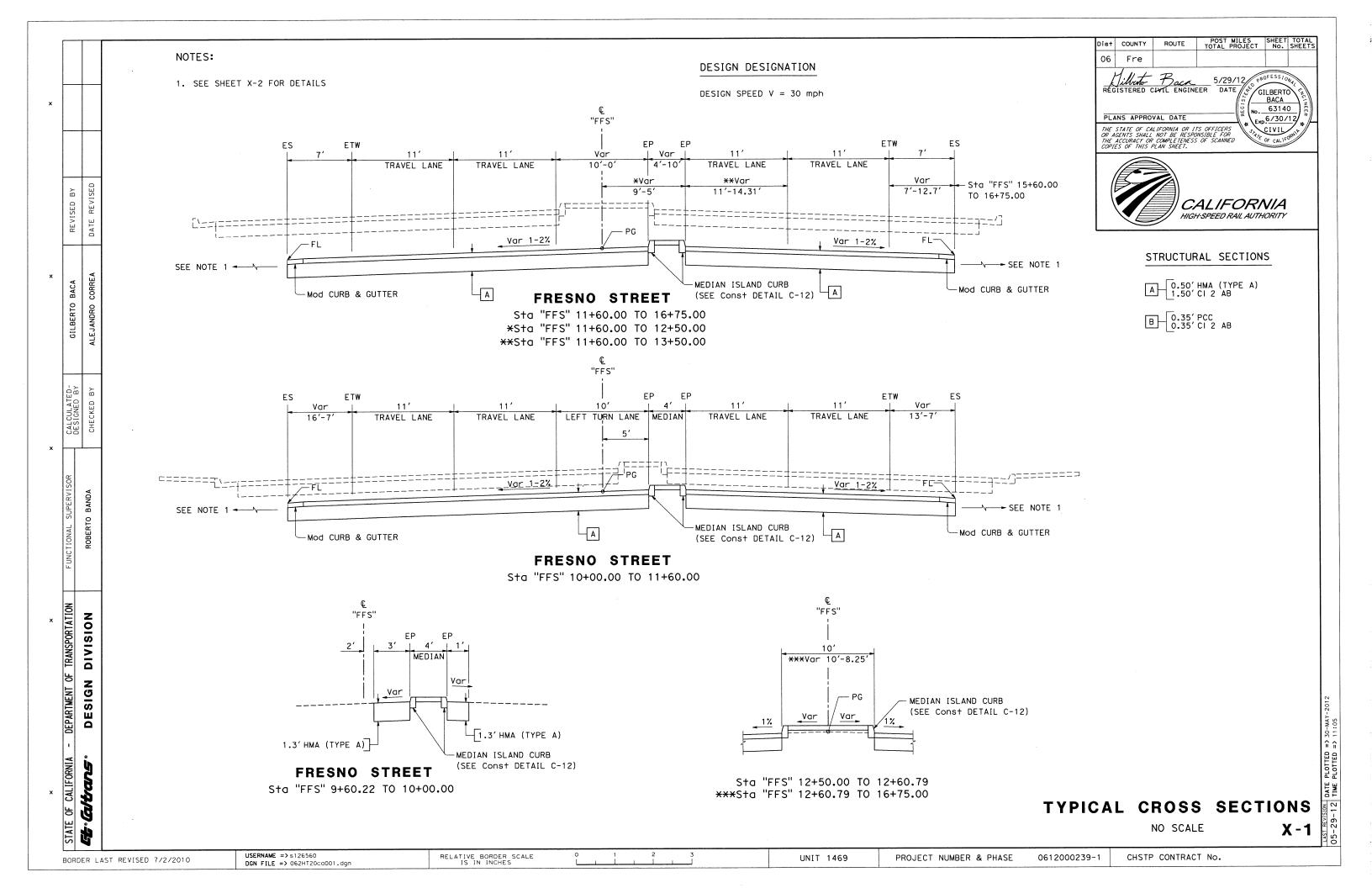
PROJECT NUMBER & PHASE

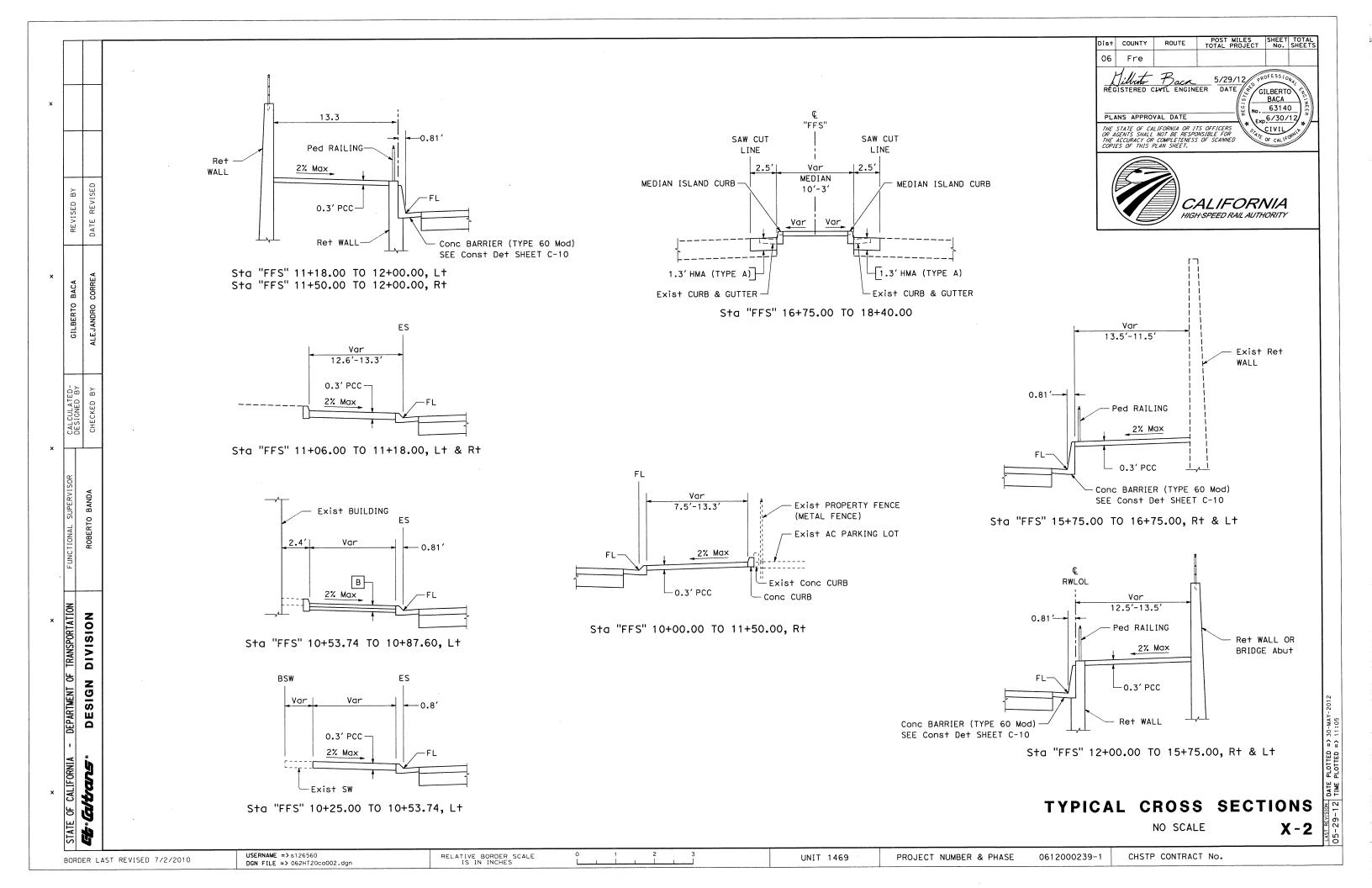
CHSTP CONTRACT No.

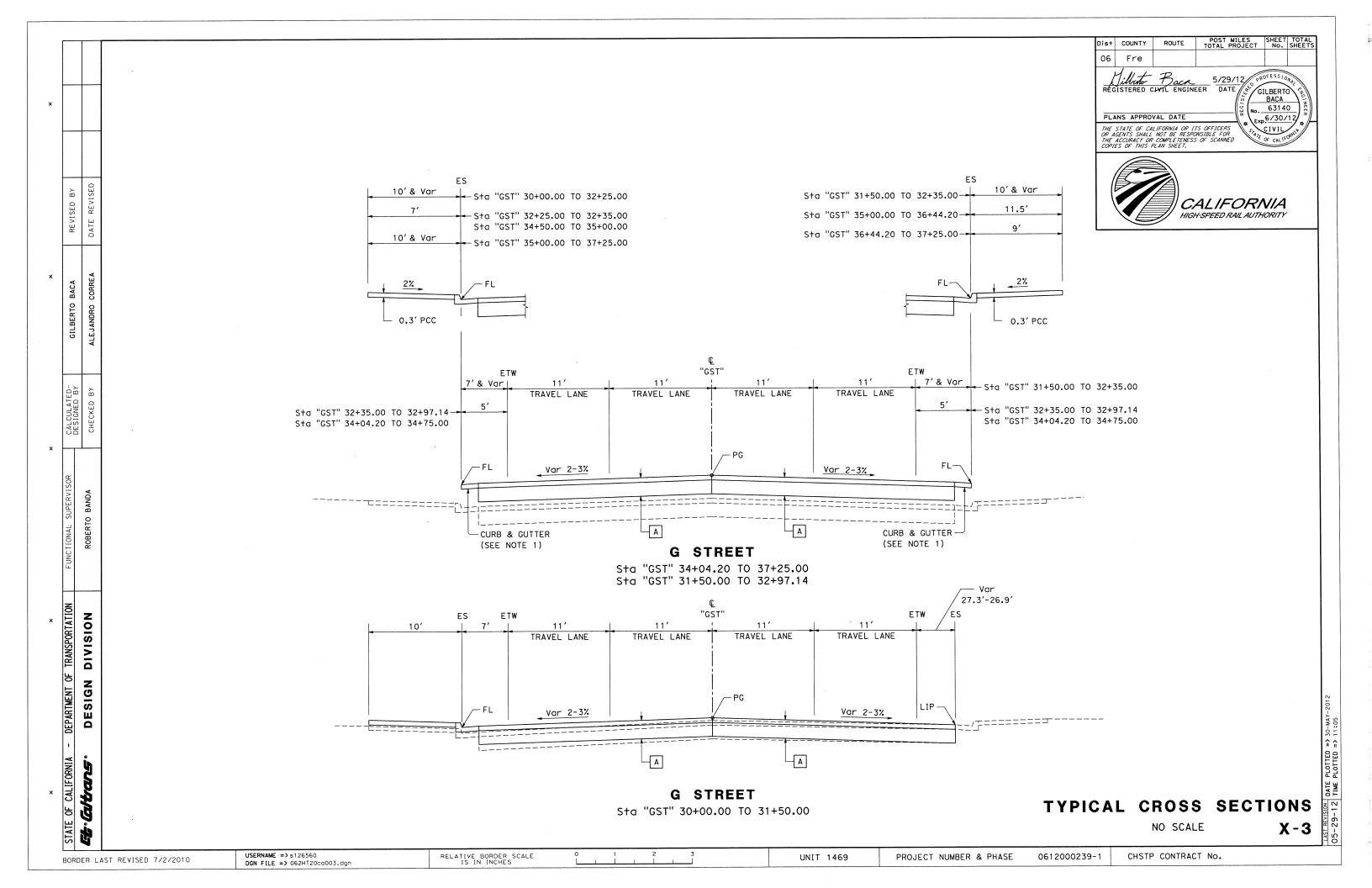
RELATIVE BORDER SCALE IS IN INCHES

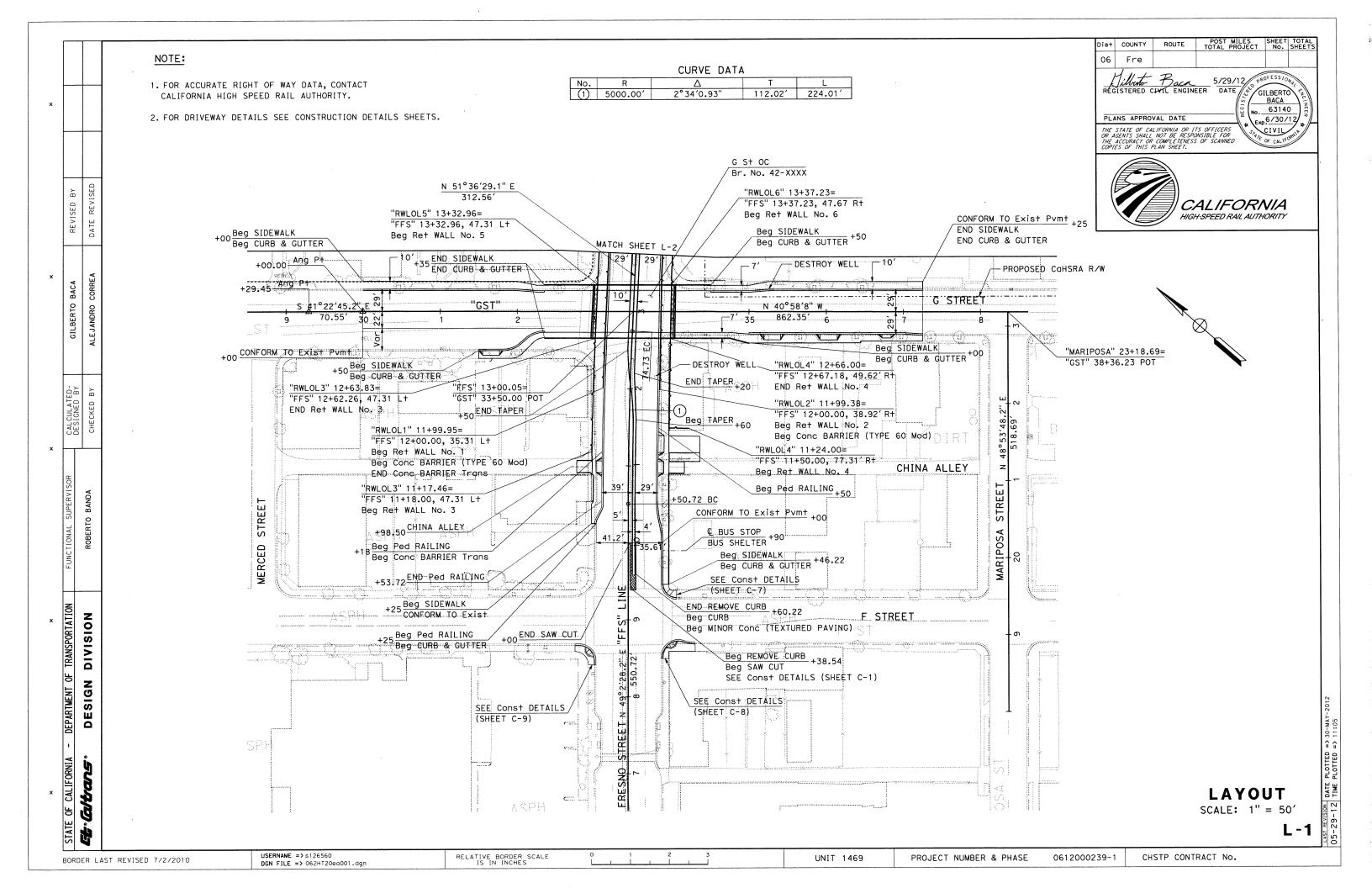
UNIT 1469

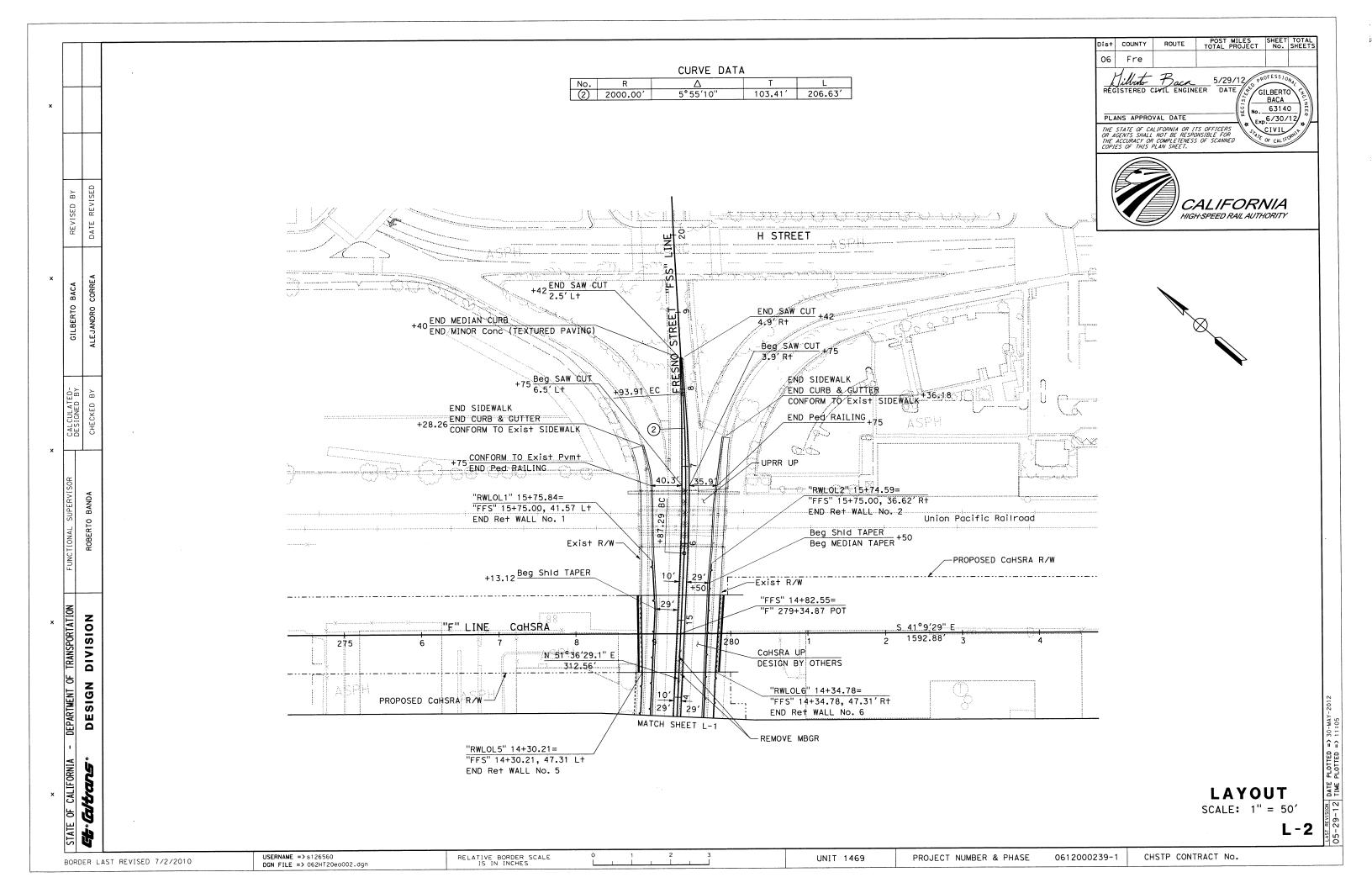
0612000239-1

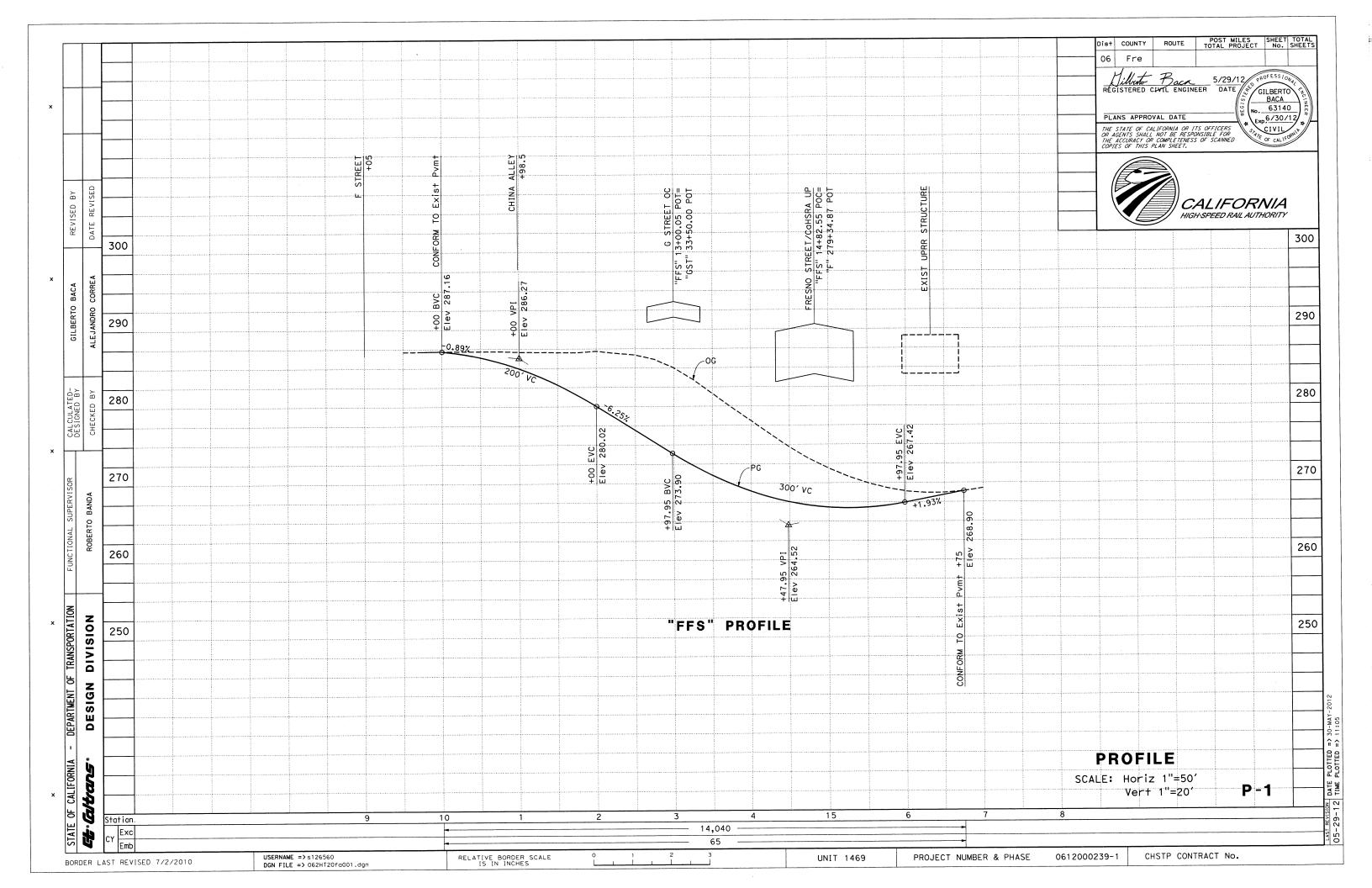


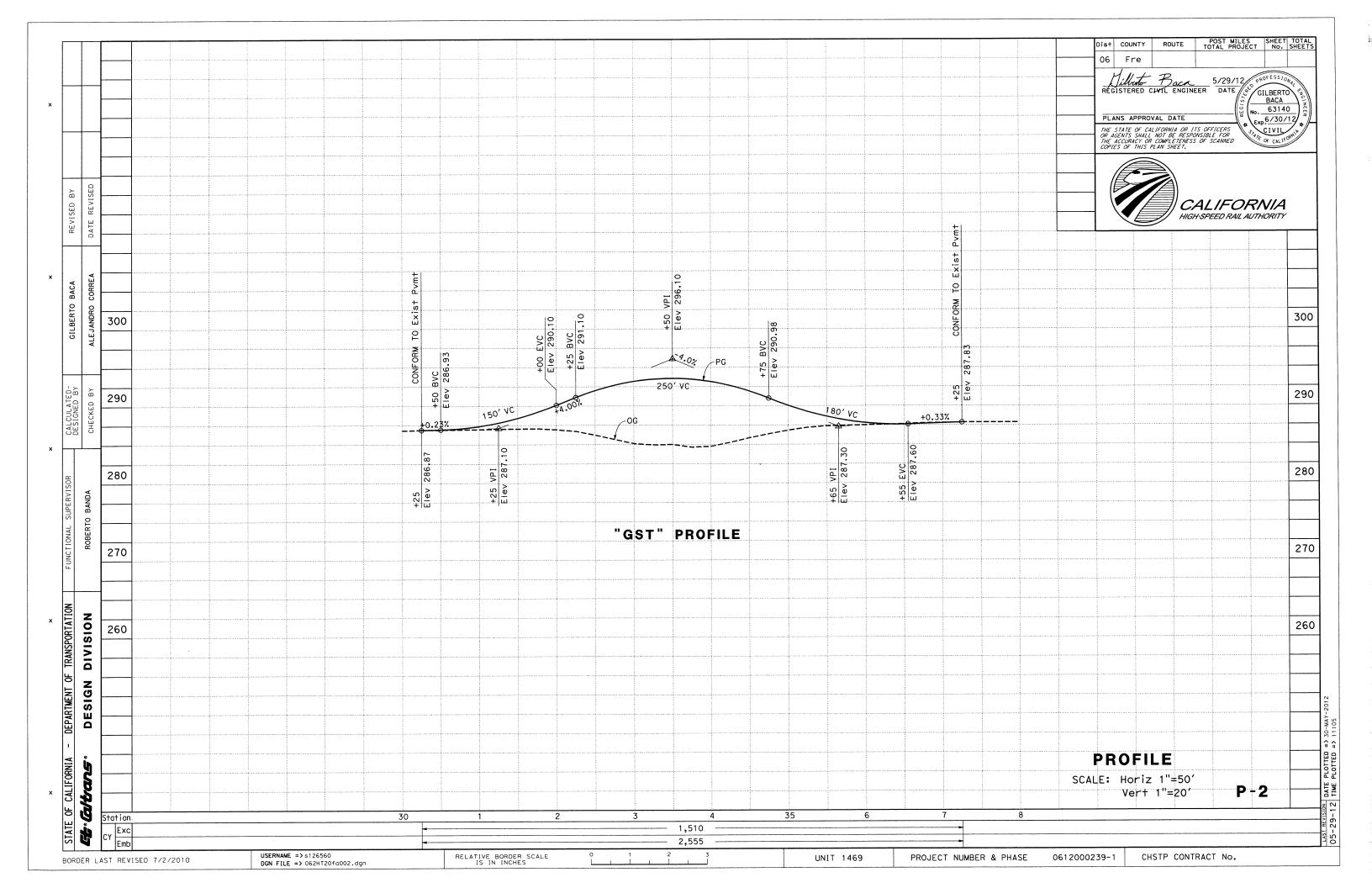


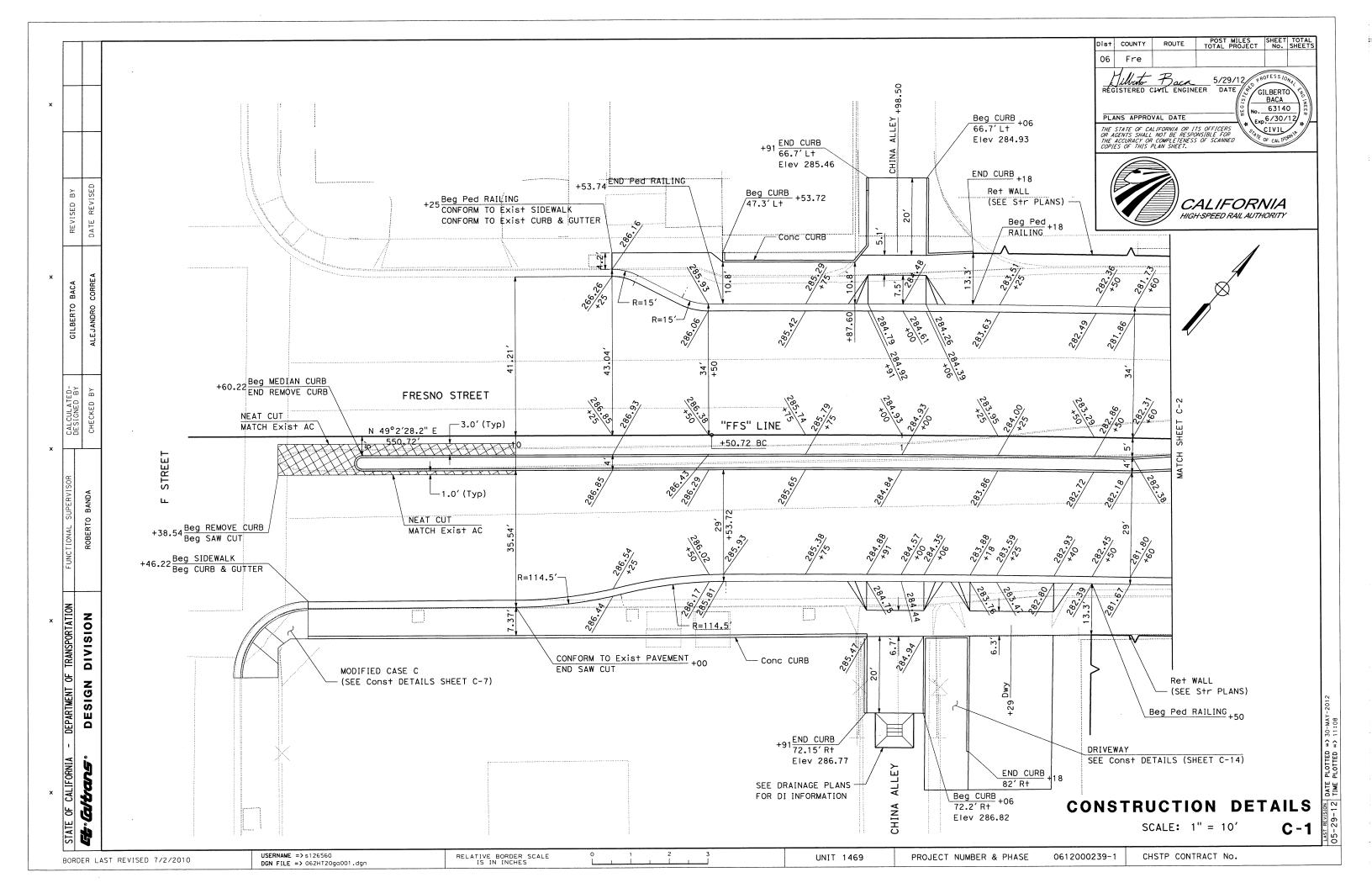


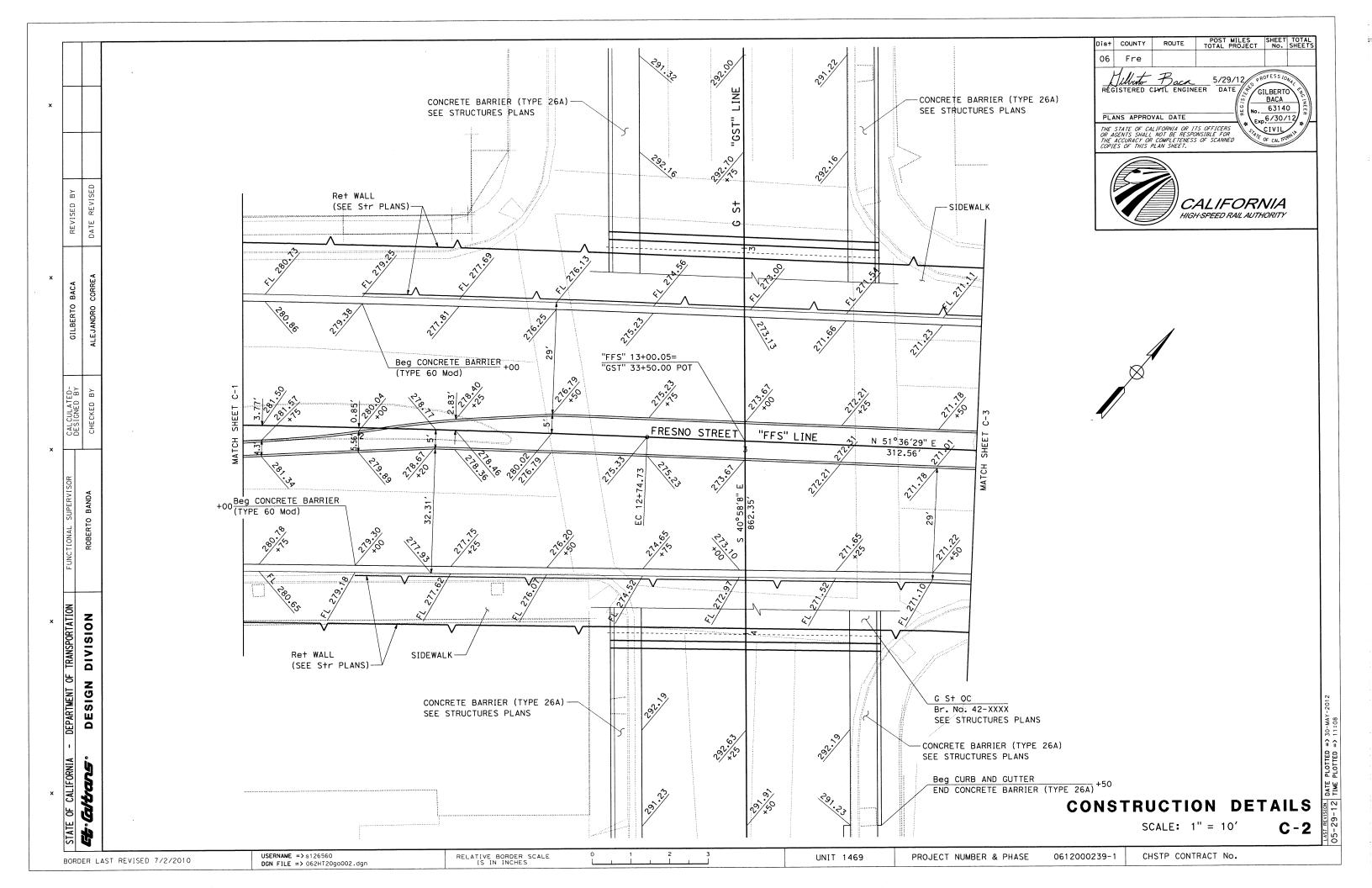


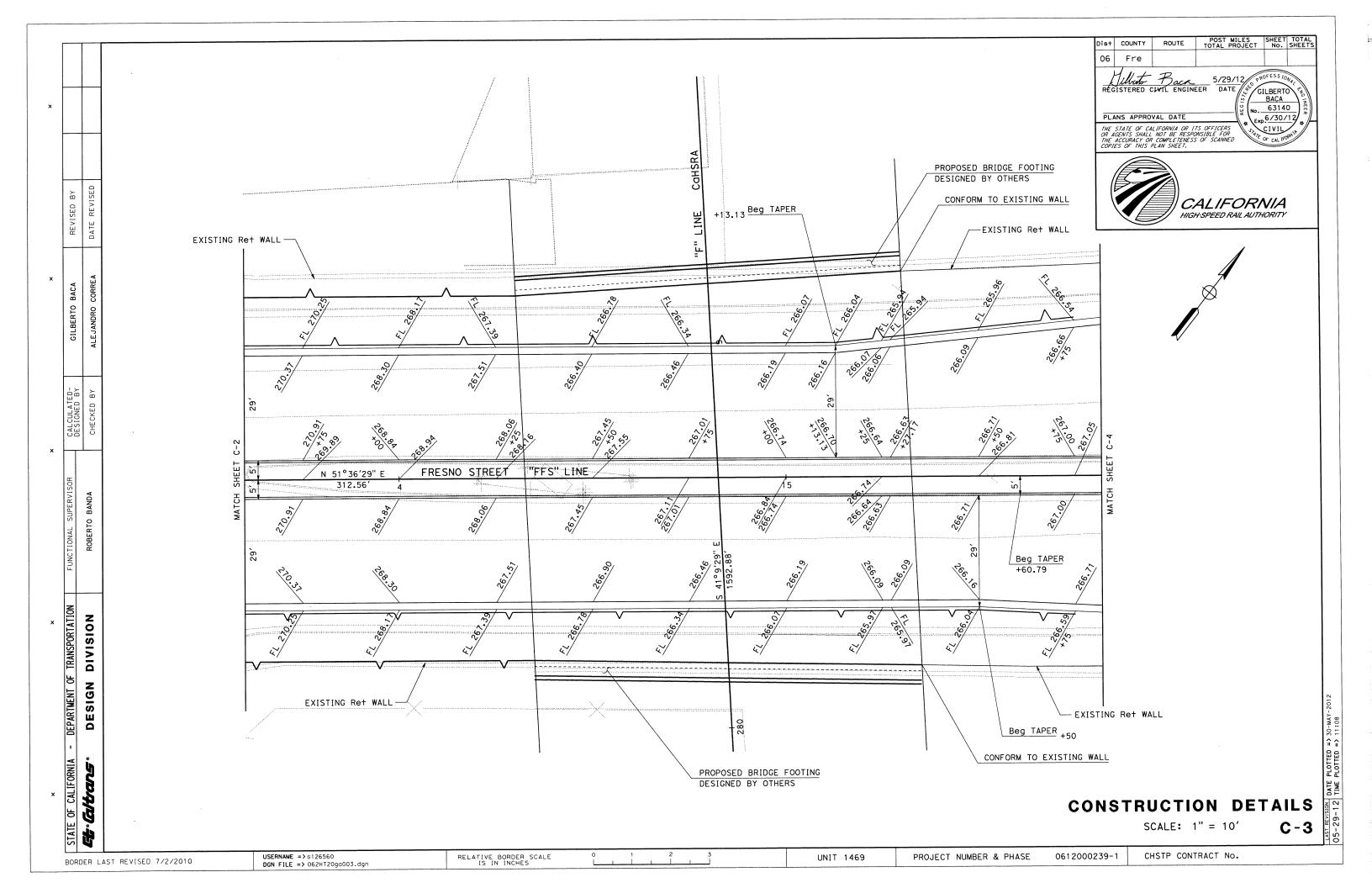


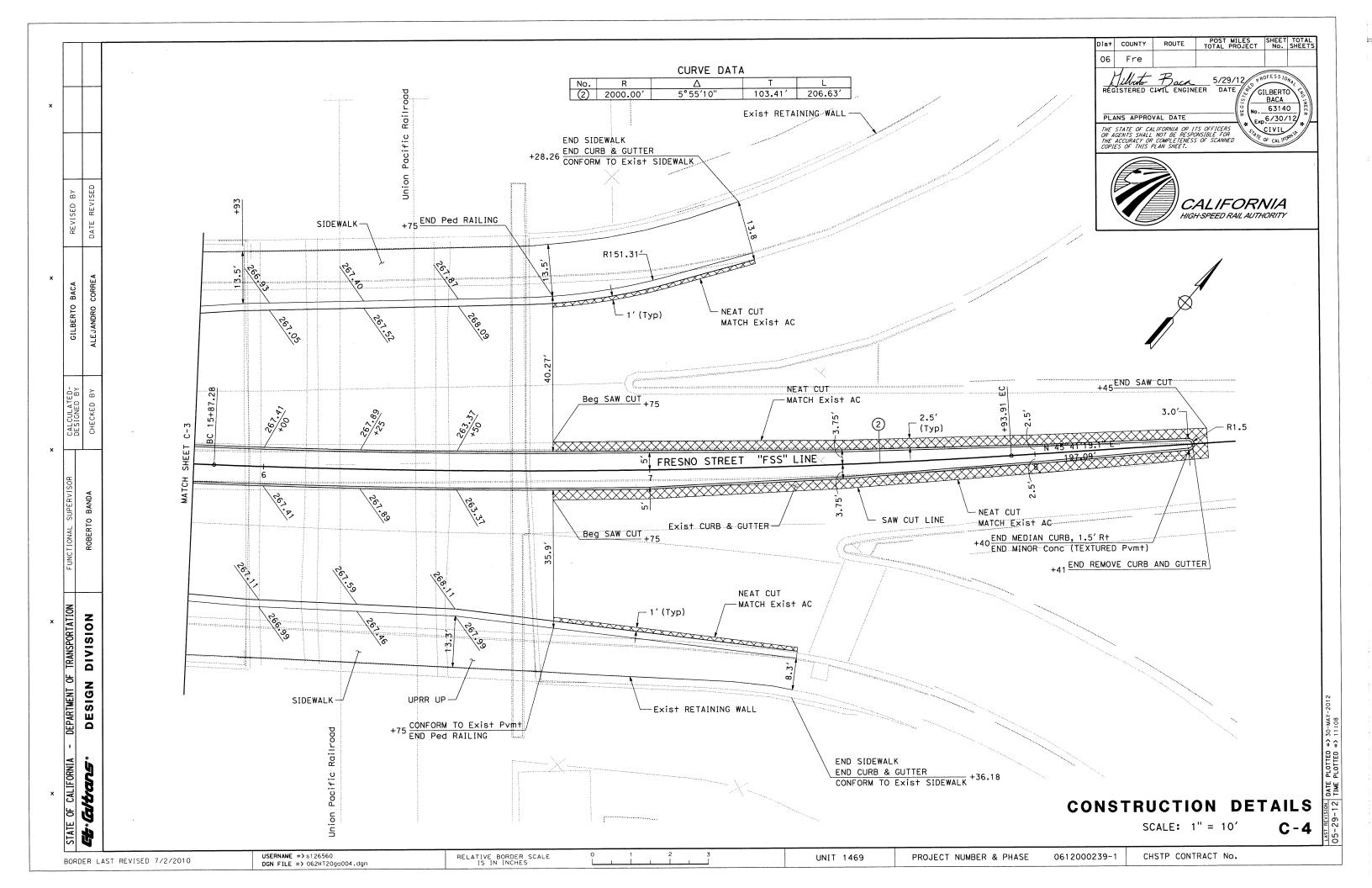


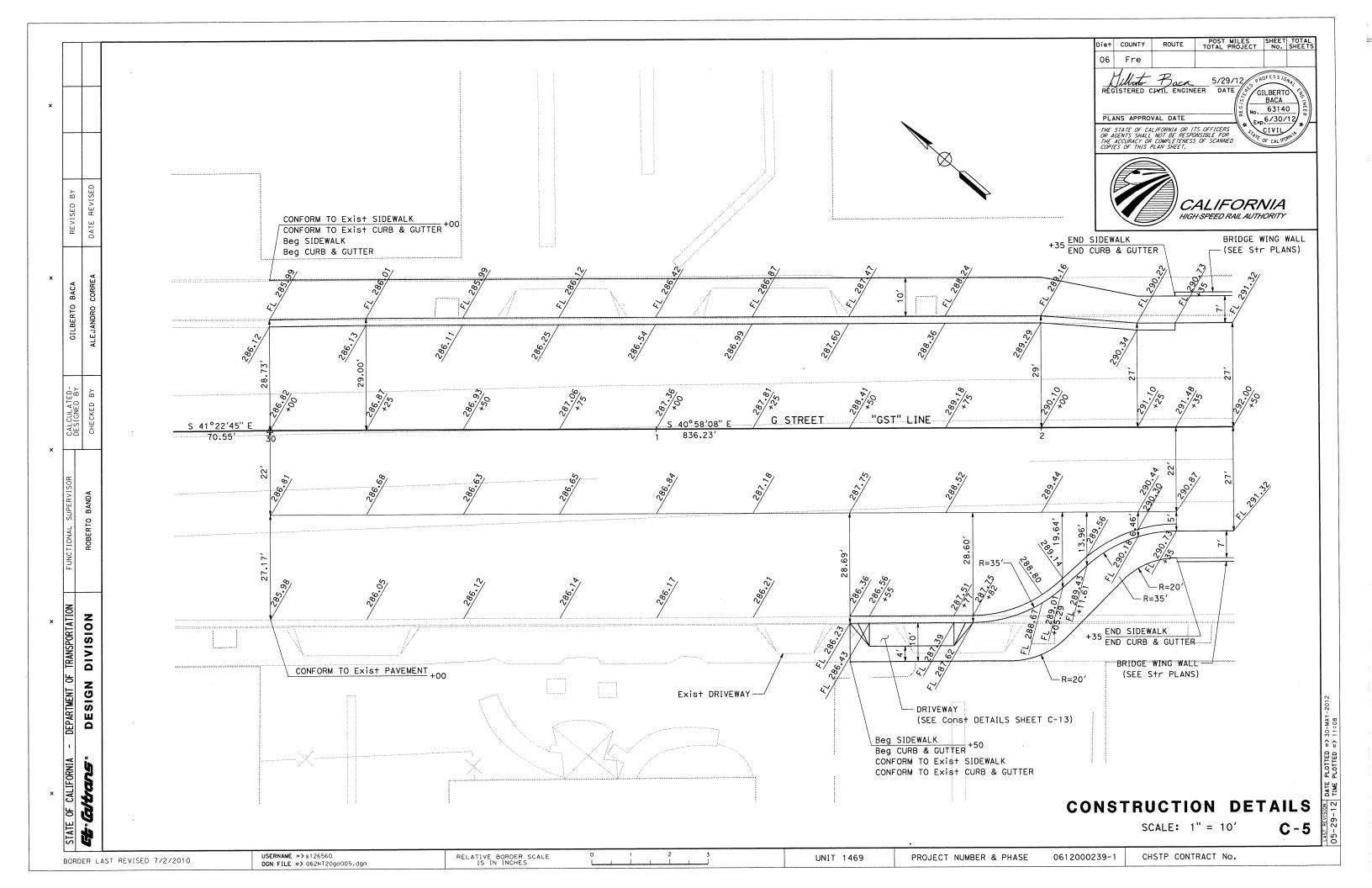


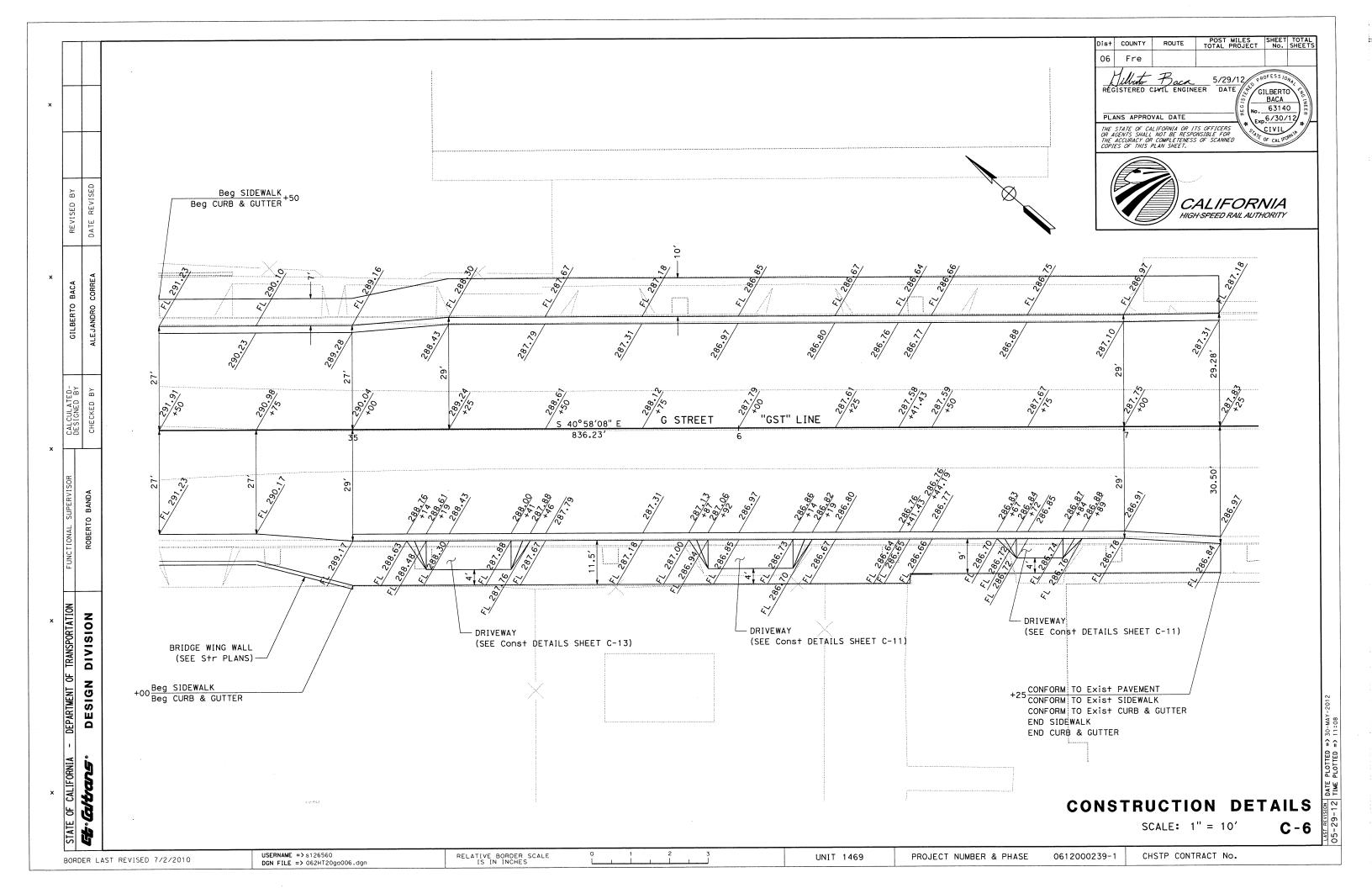


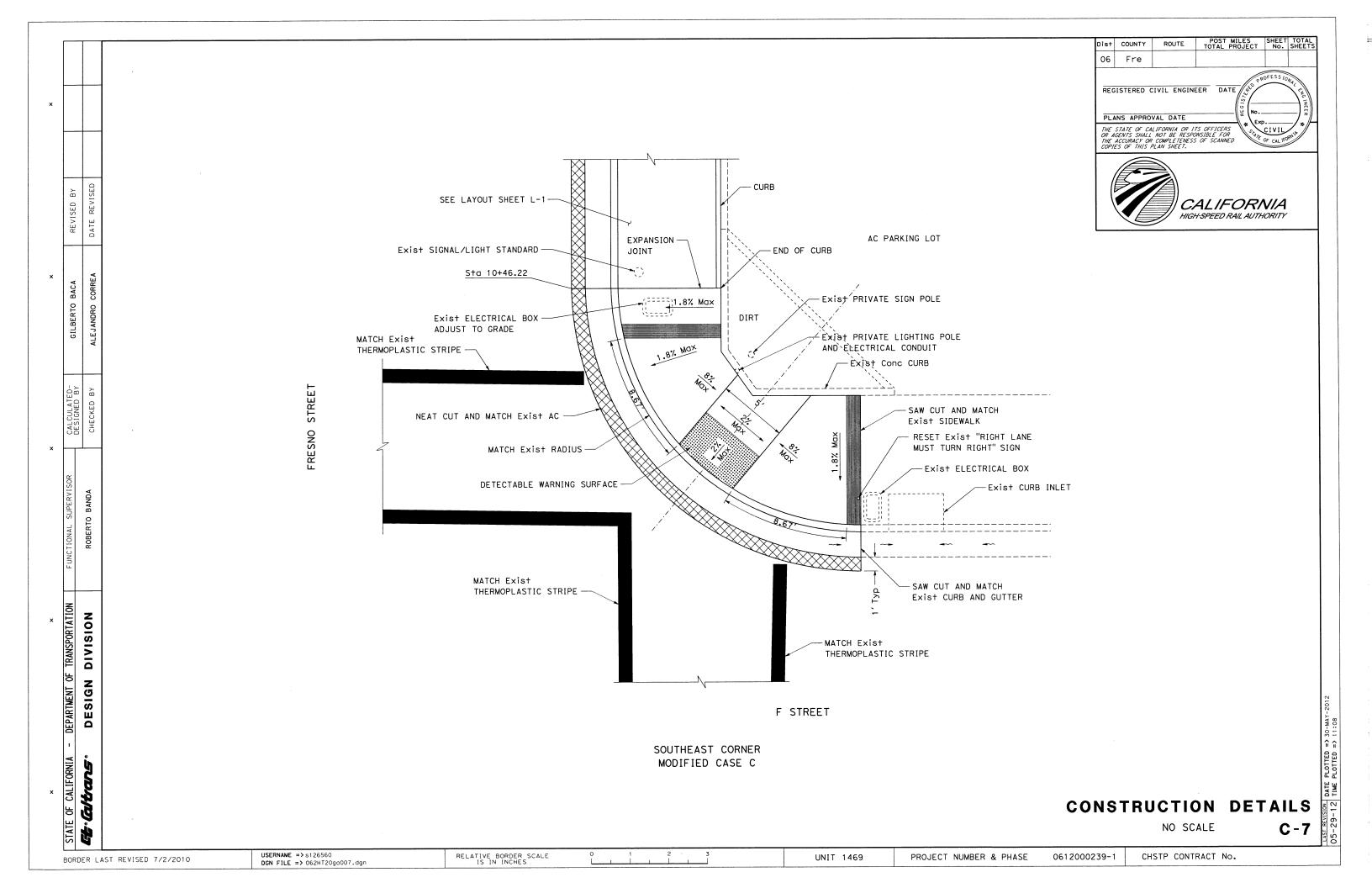


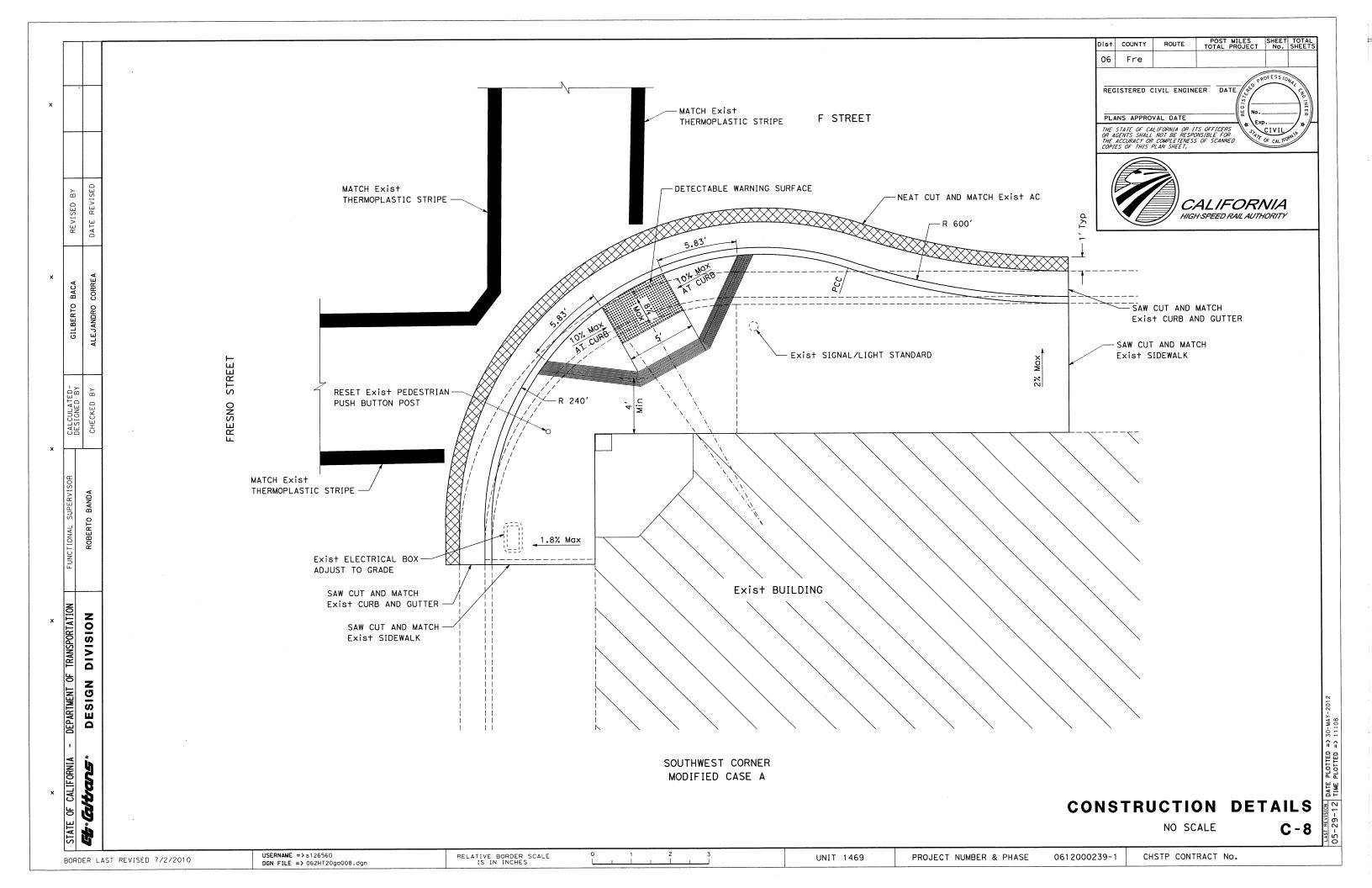


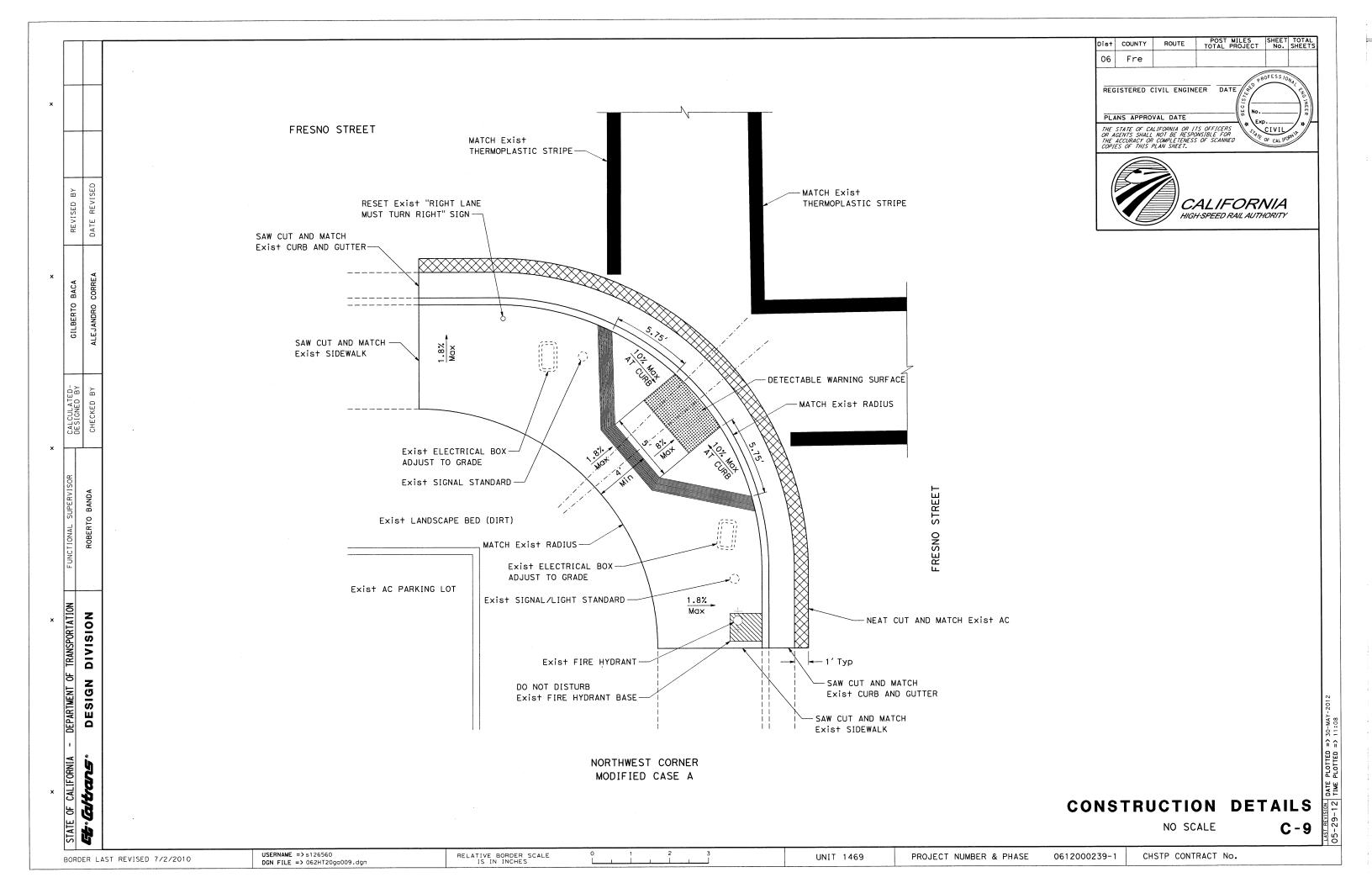


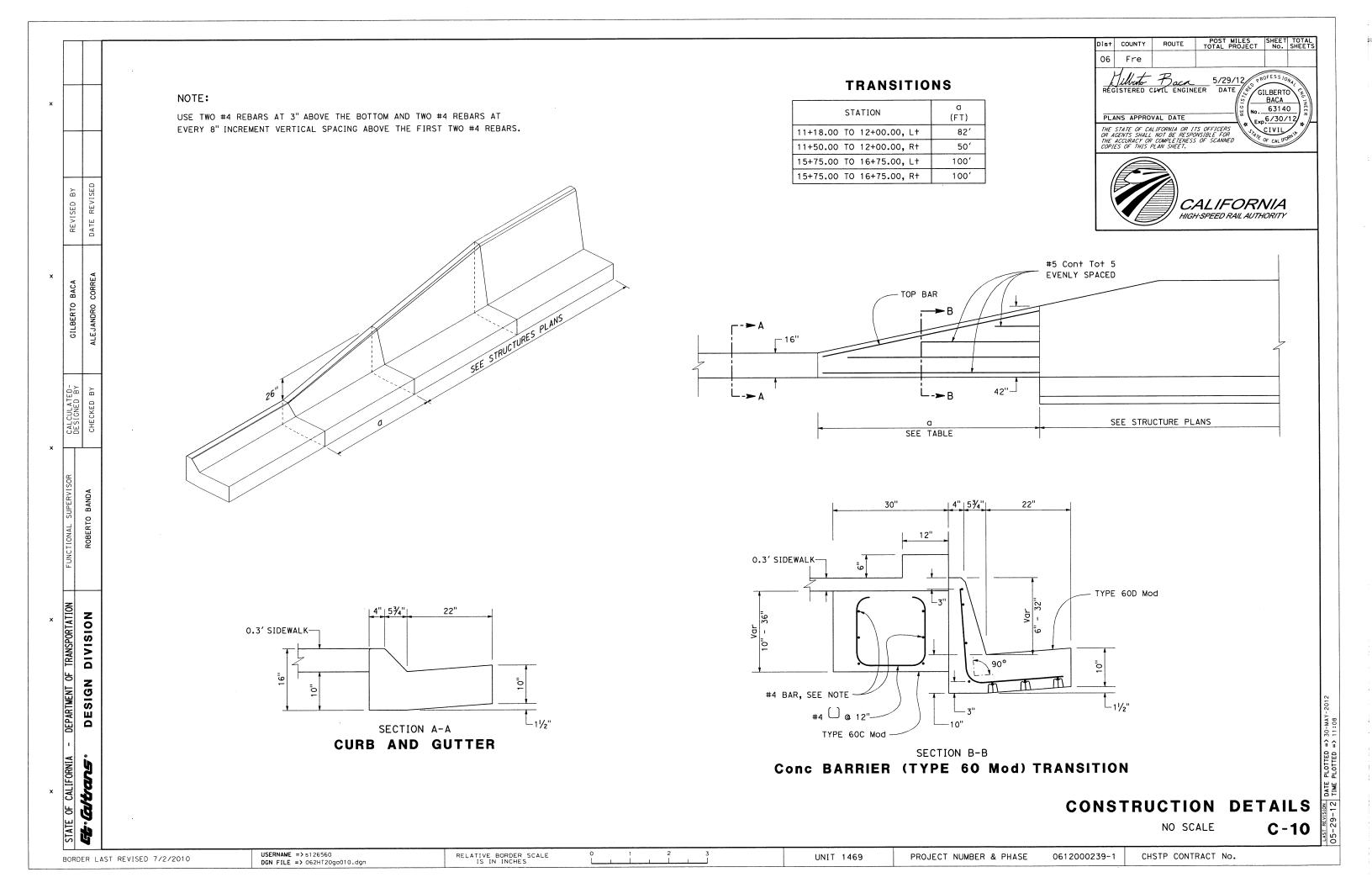


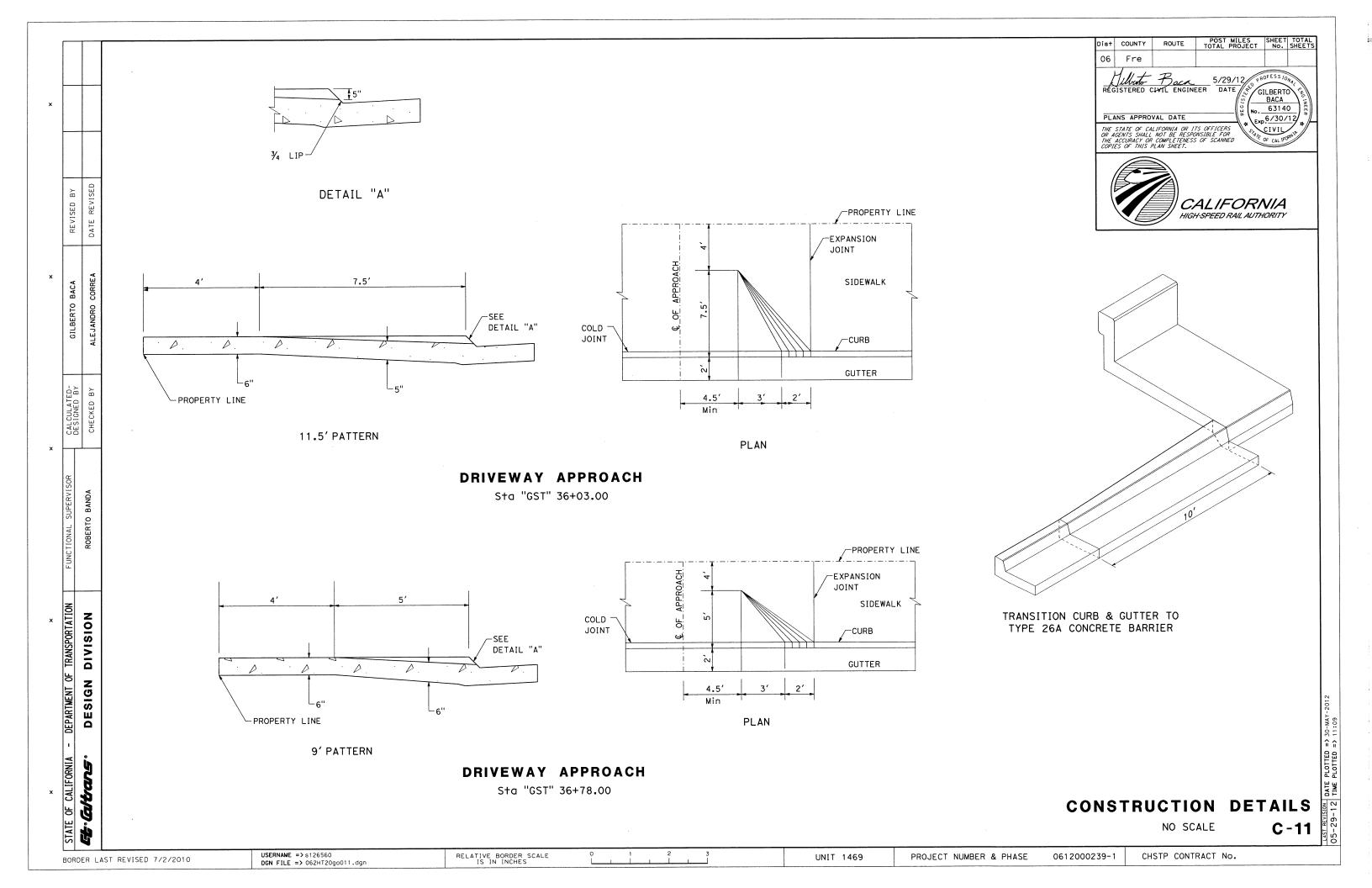


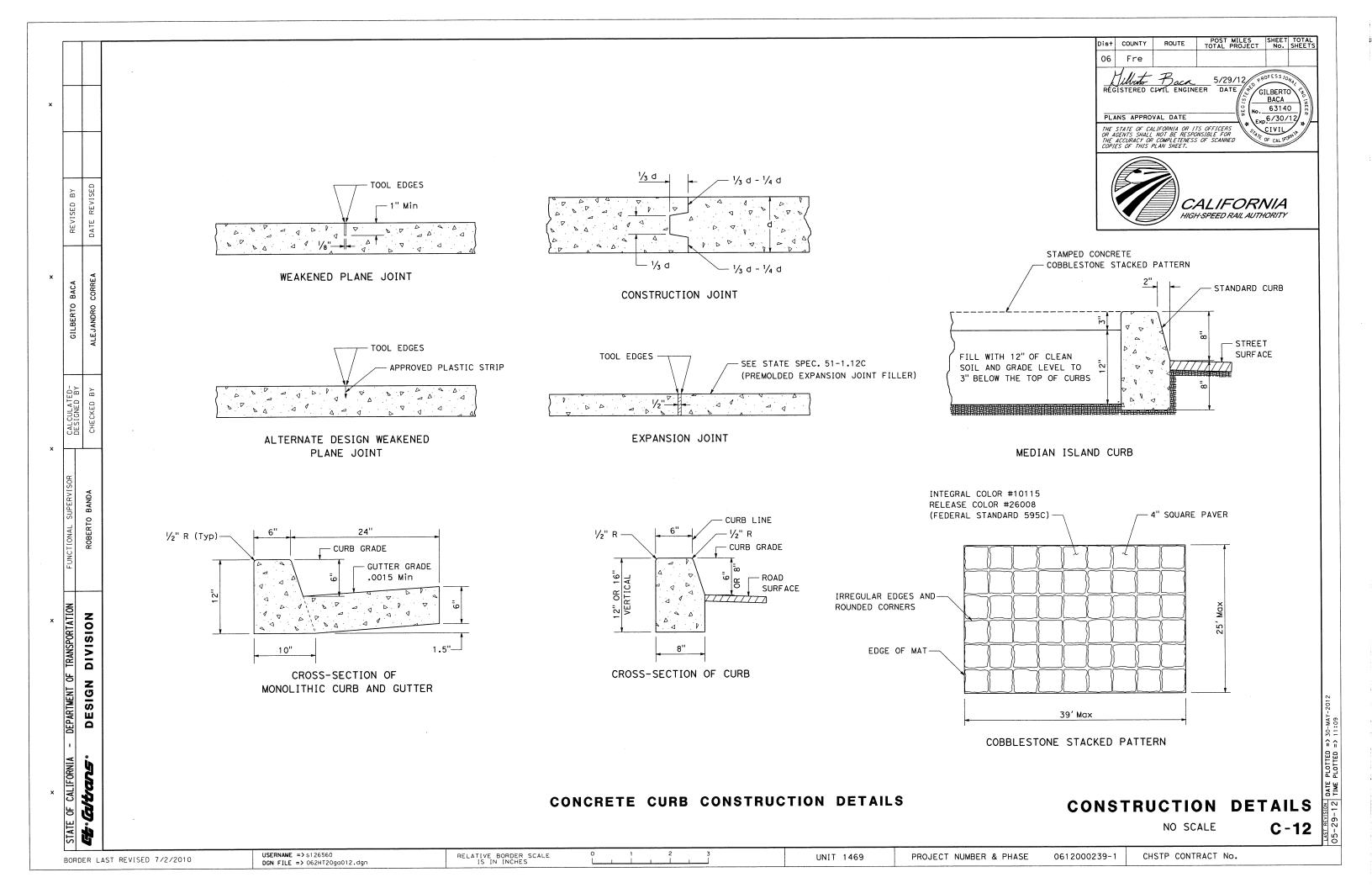


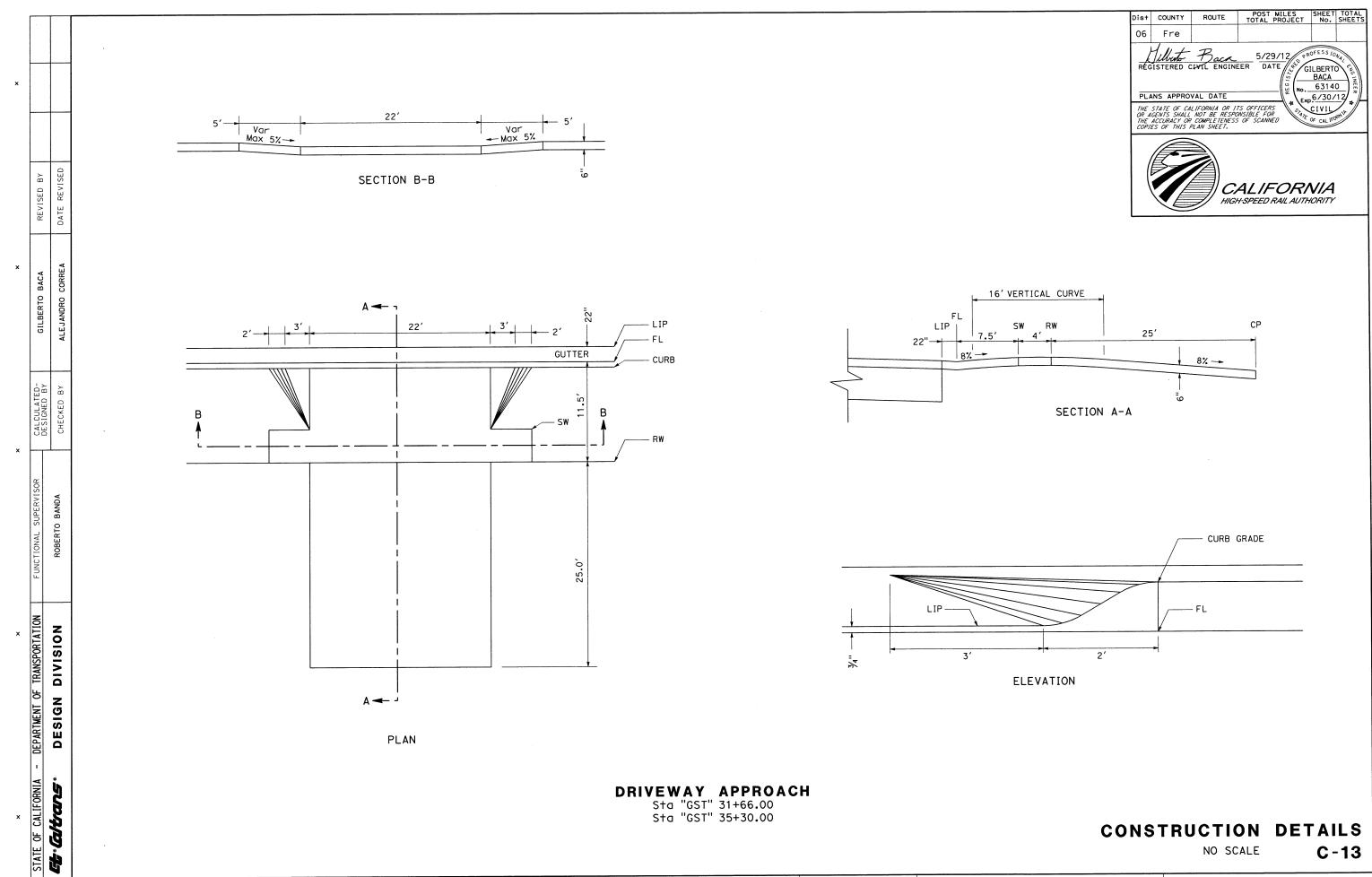












UNIT 1469

USERNAME => s126560 DGN FILE => 062HT20ga013.dgn

BORDER LAST REVISED 7/2/2010

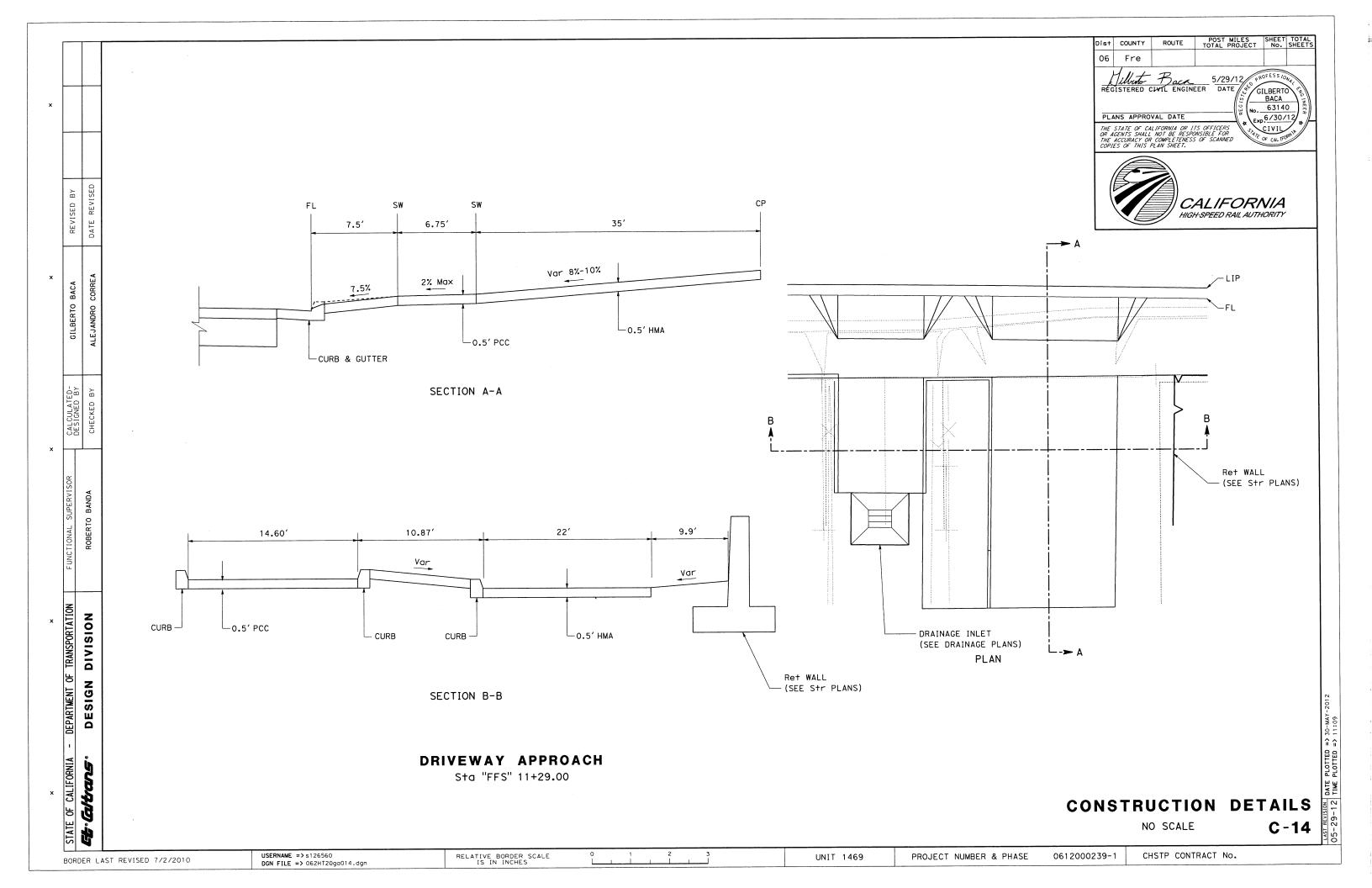
RELATIVE BORDER SCALE
IS IN INCHES

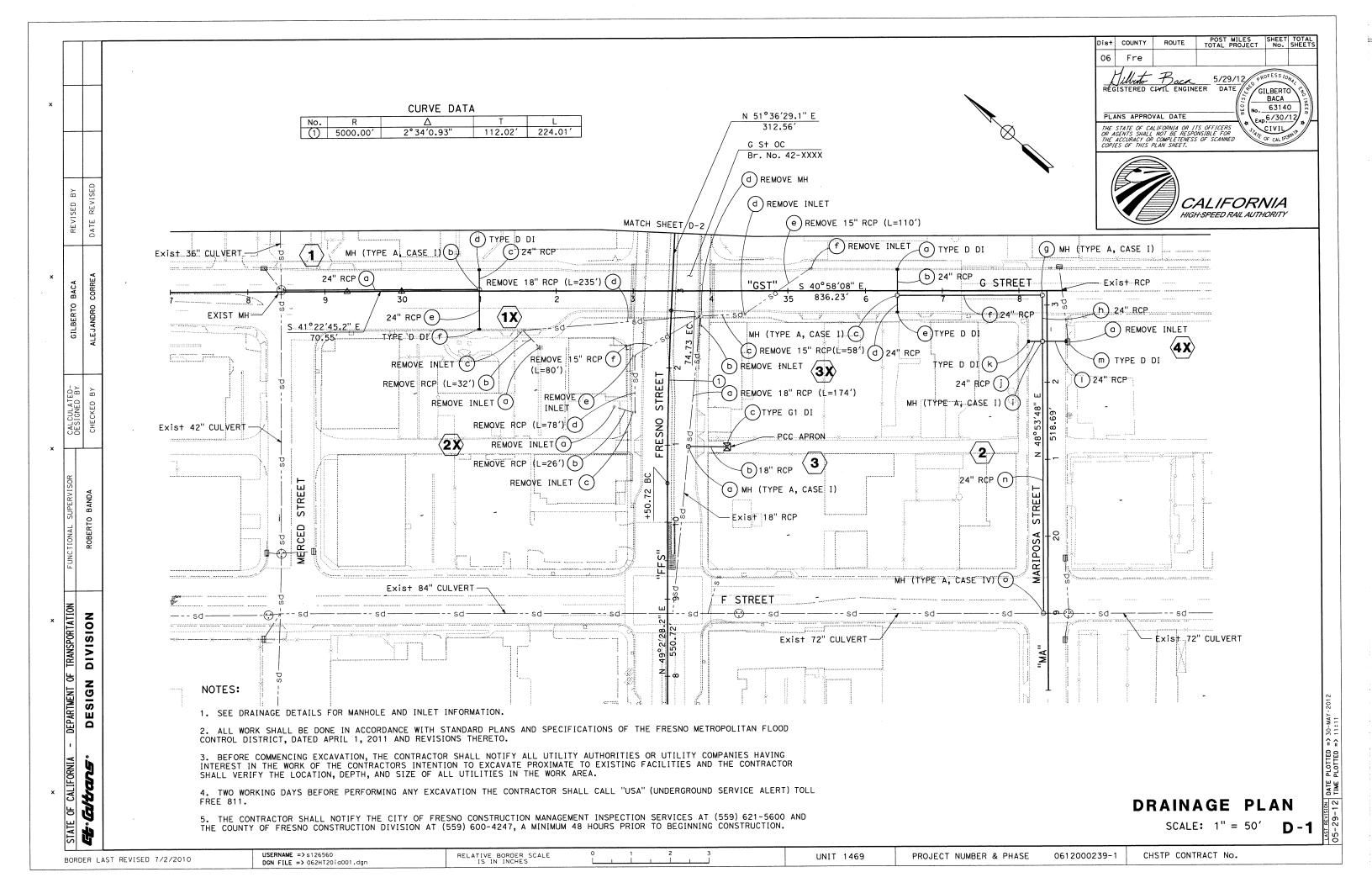
ST REVISION D.

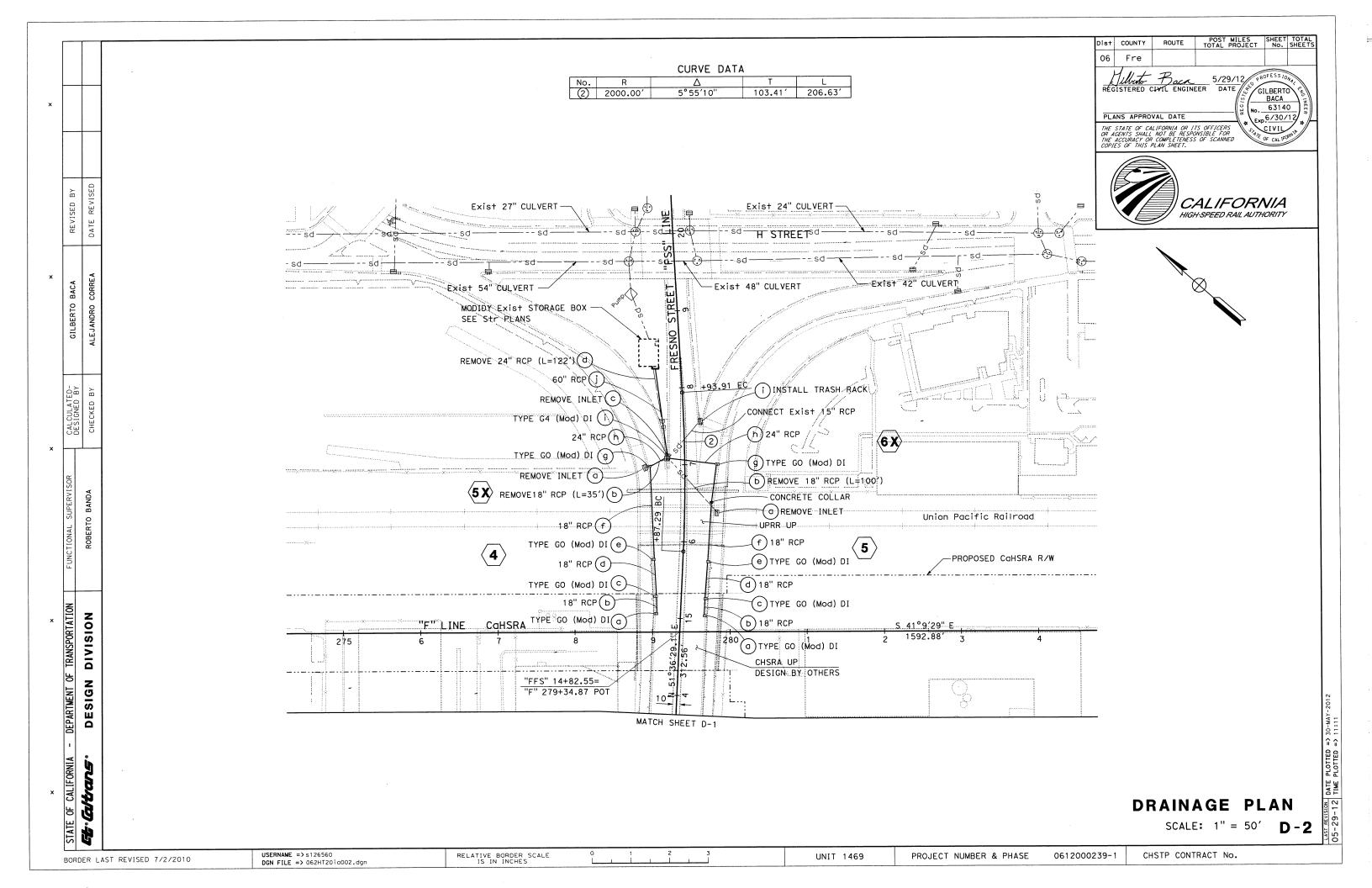
CHSTP CONTRACT No.

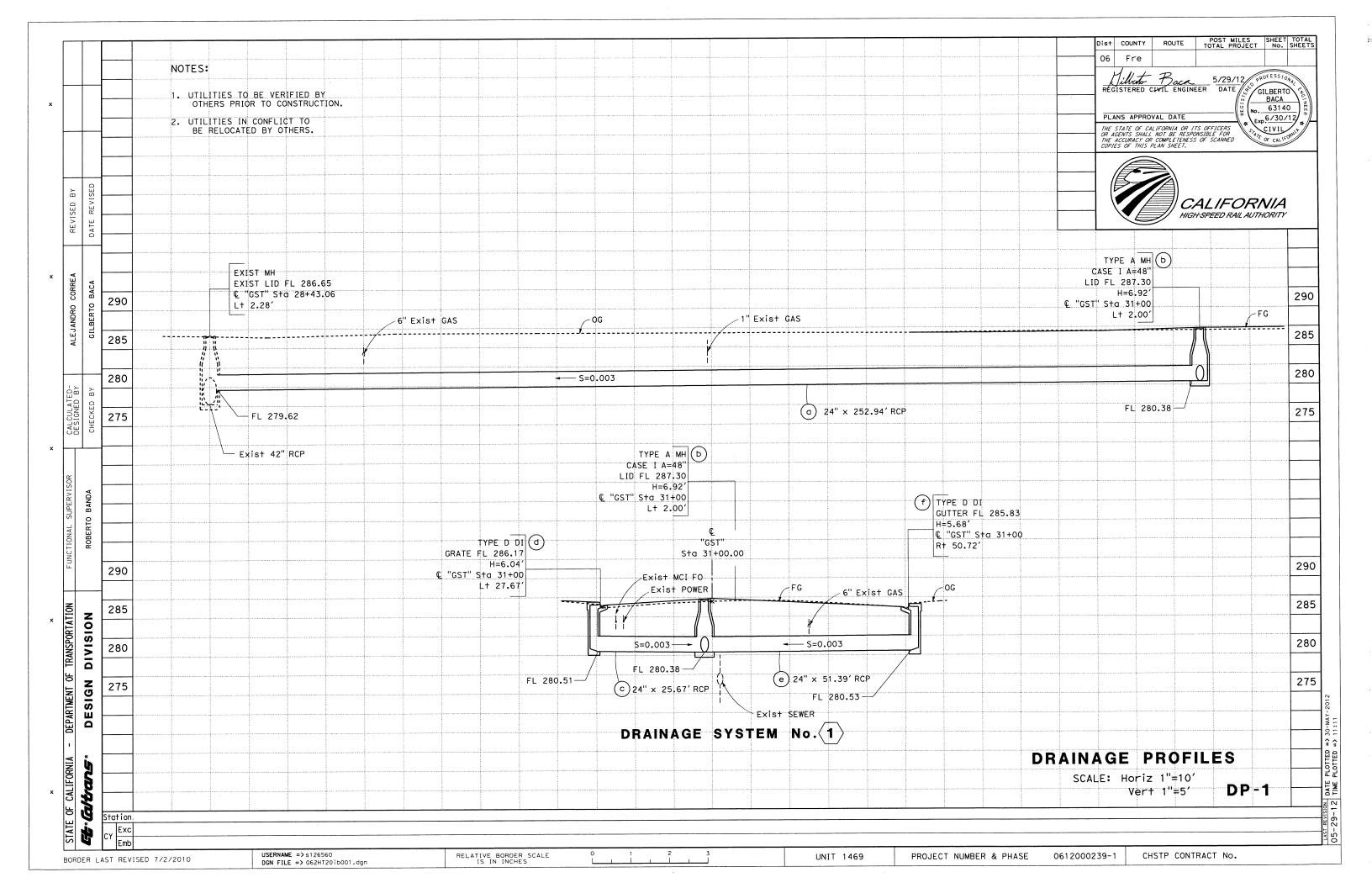
0612000239-1

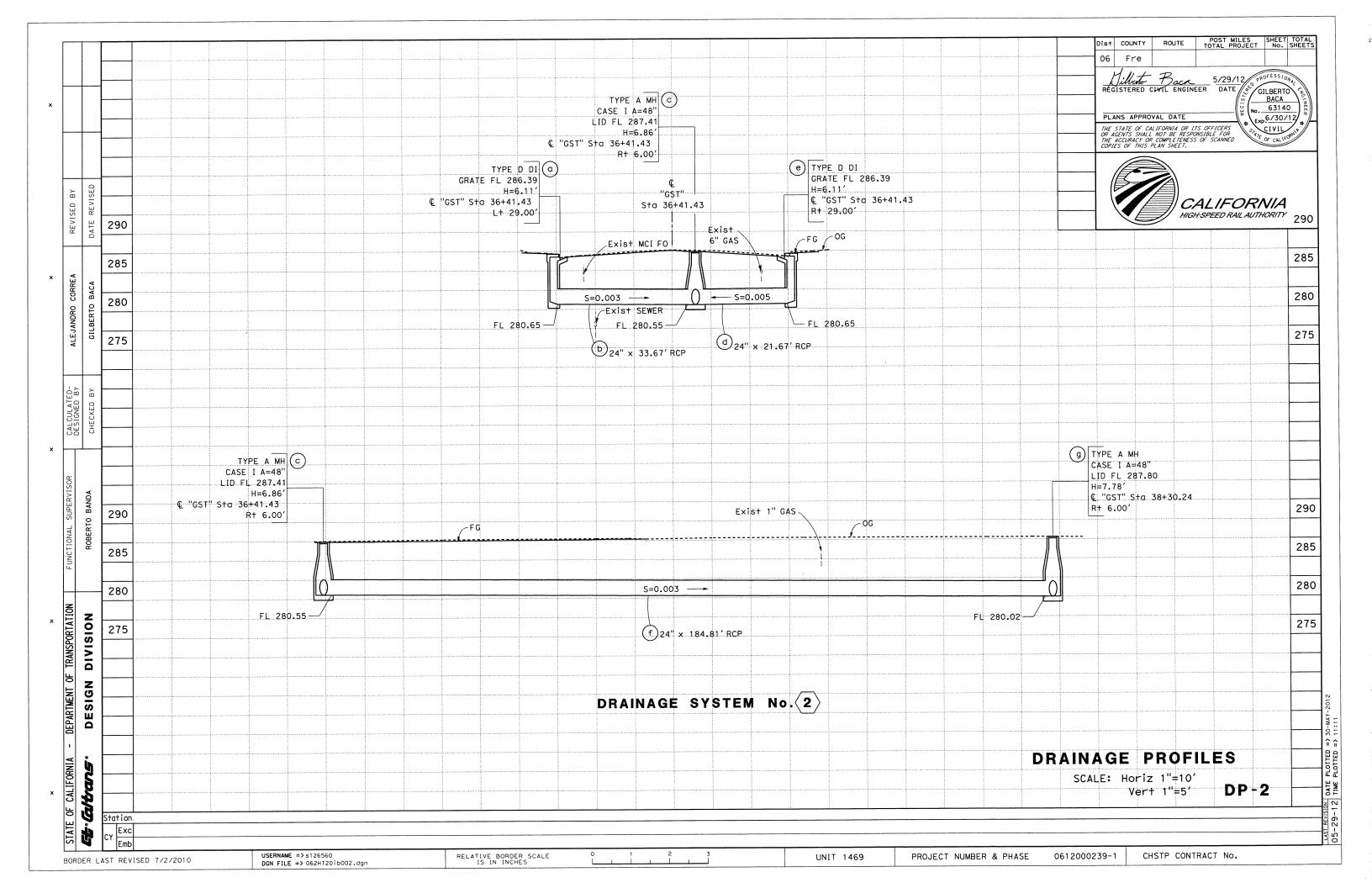
PROJECT NUMBER & PHASE

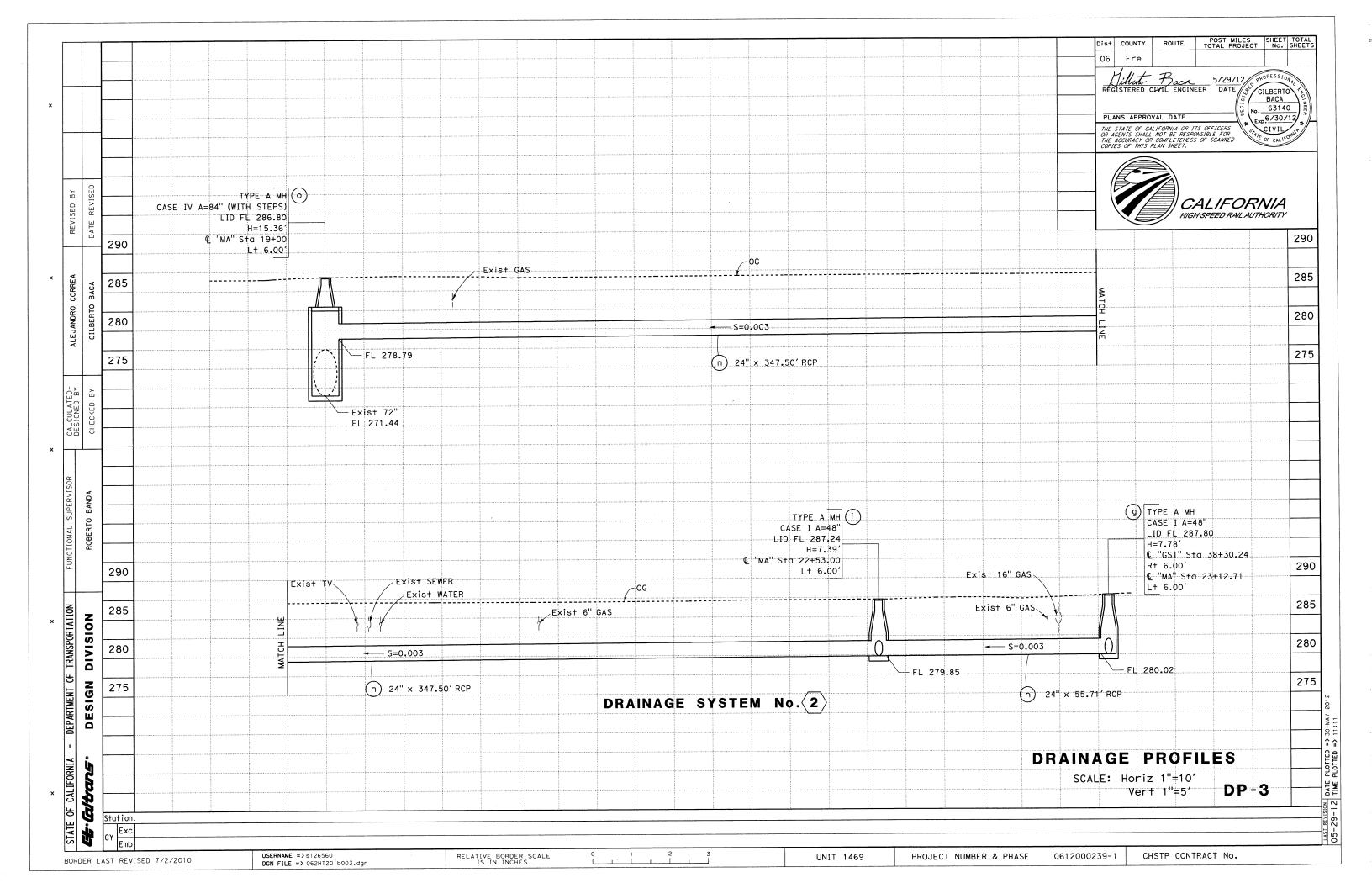


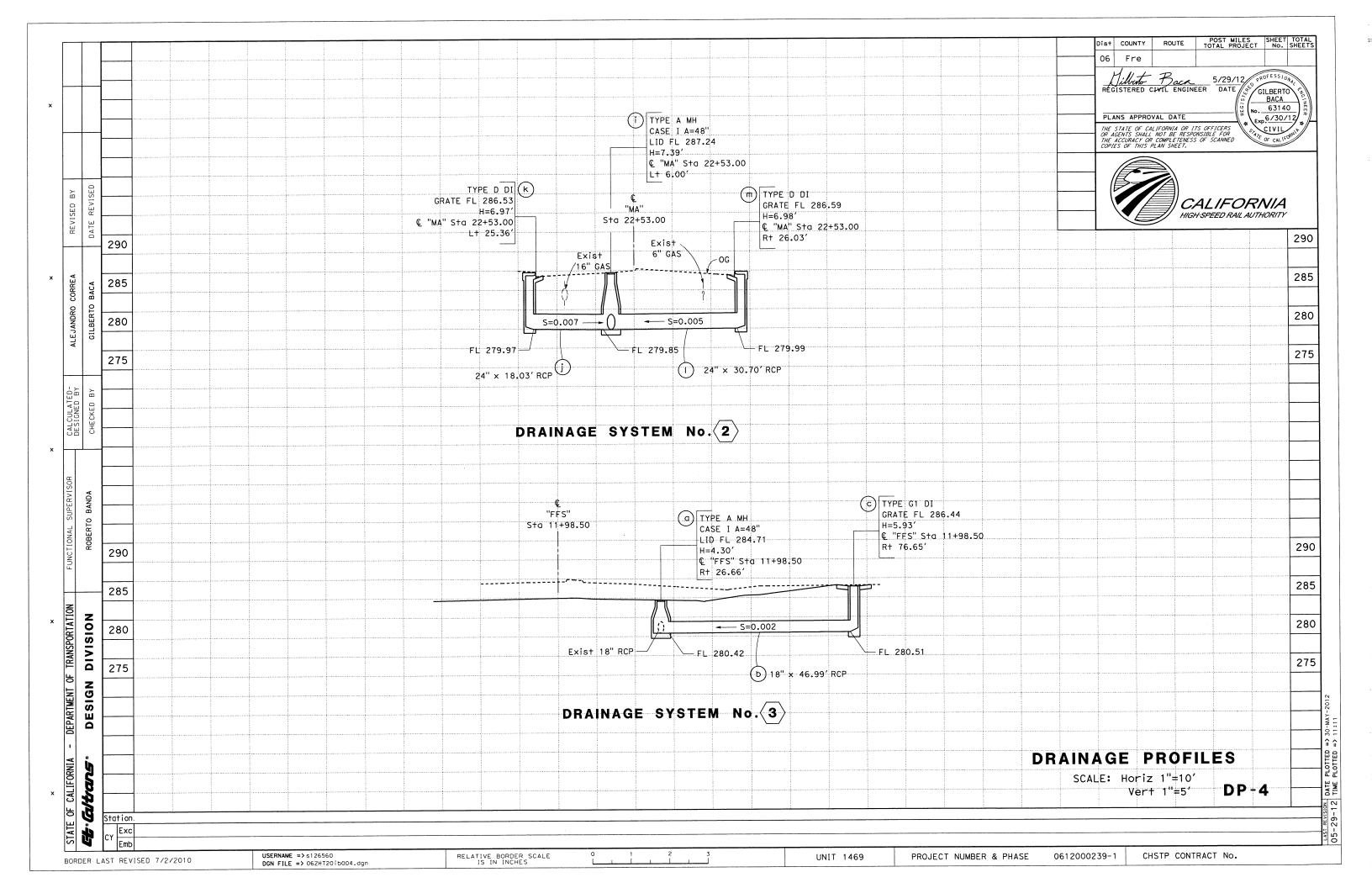


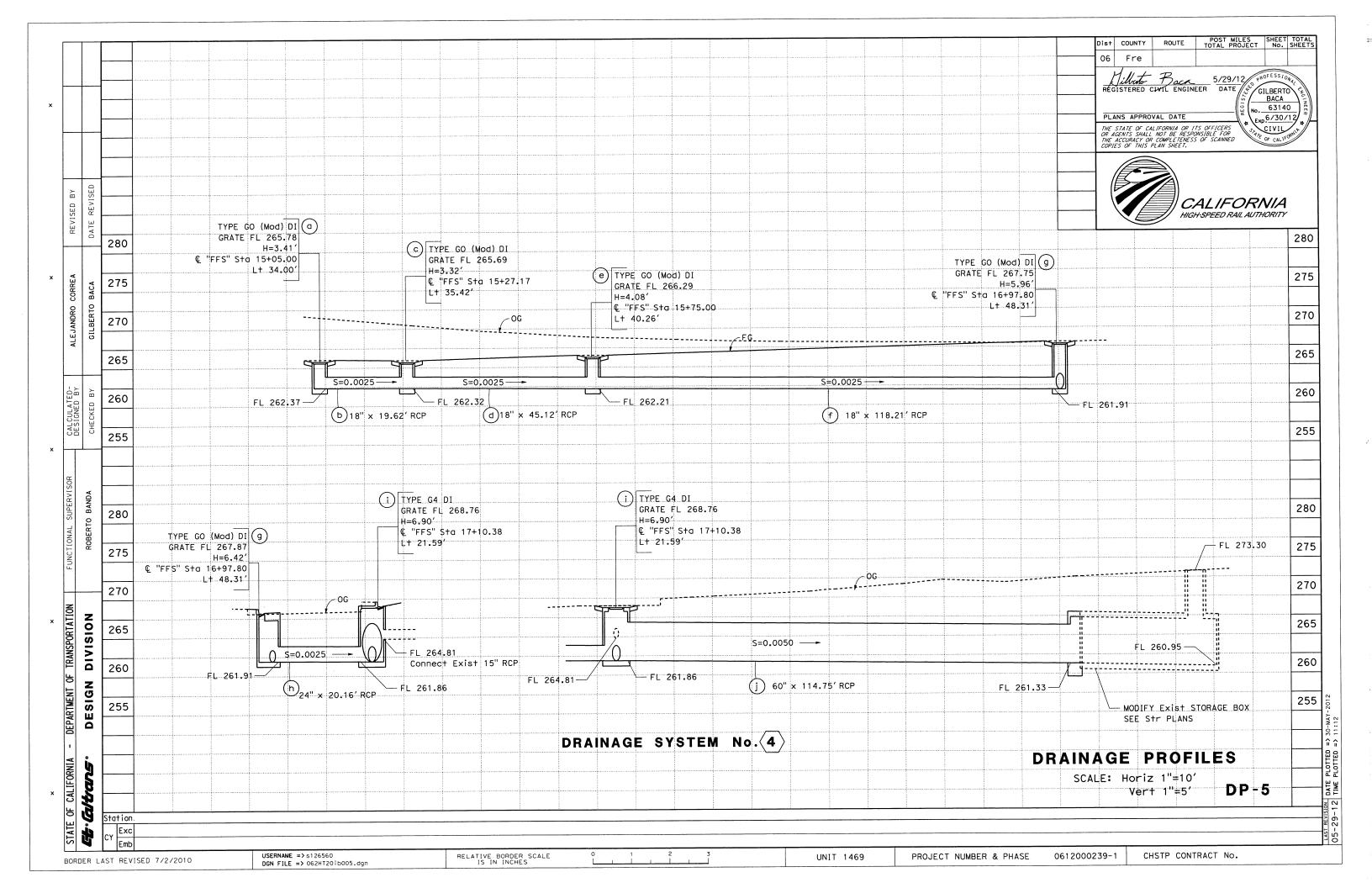


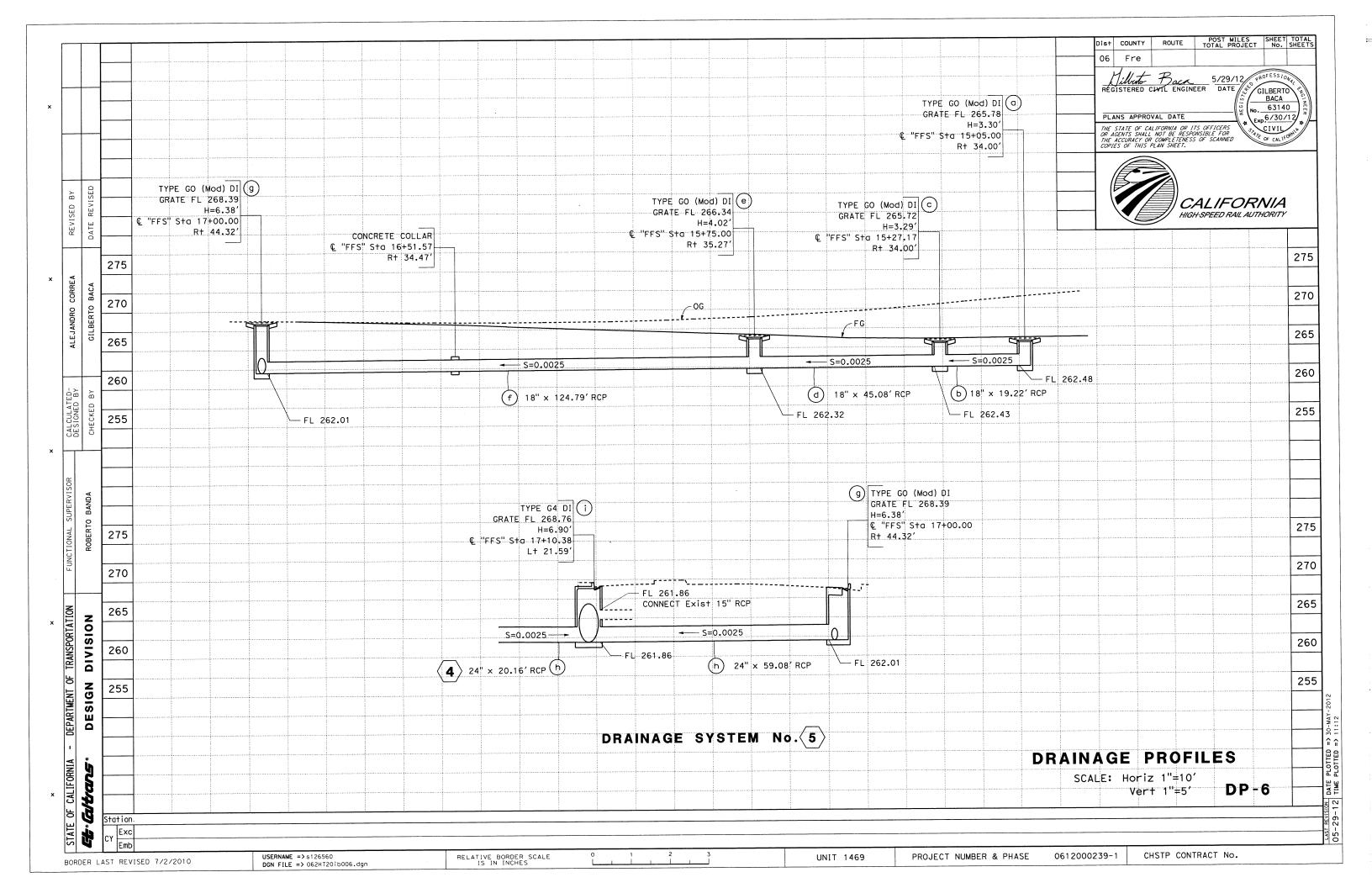


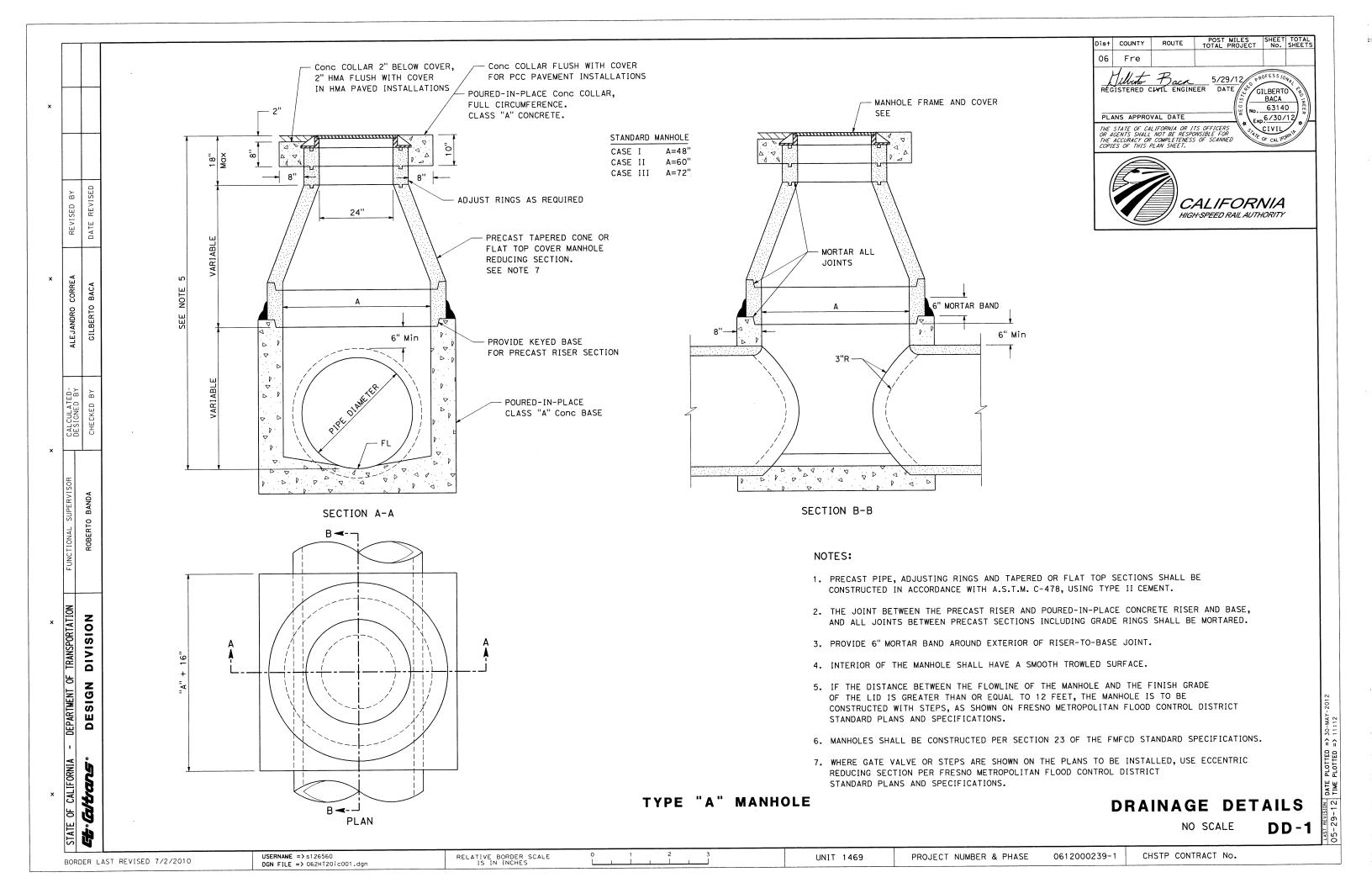


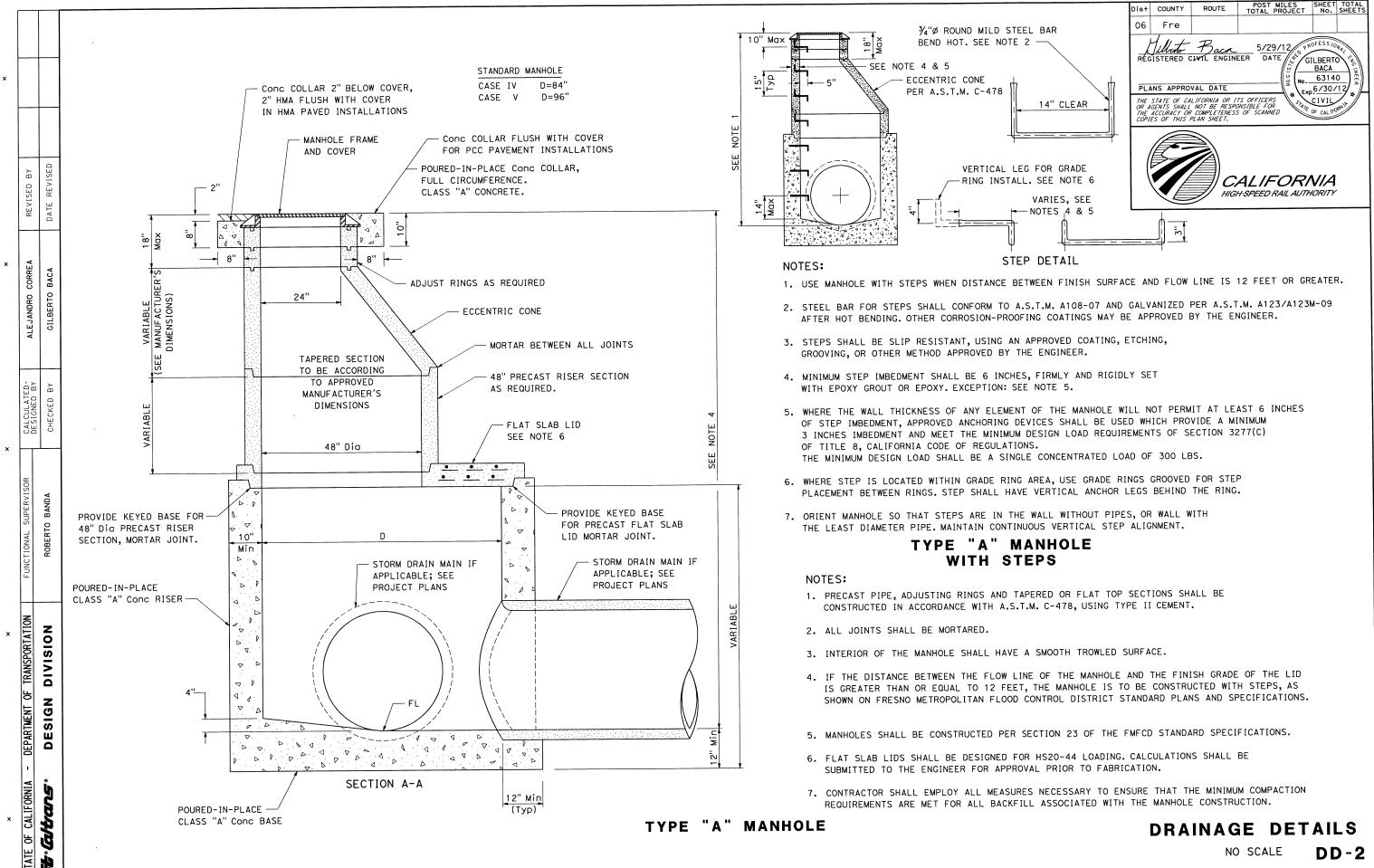












USERNAME => s126560

DGN FILE => 062HT20ic002.dgn

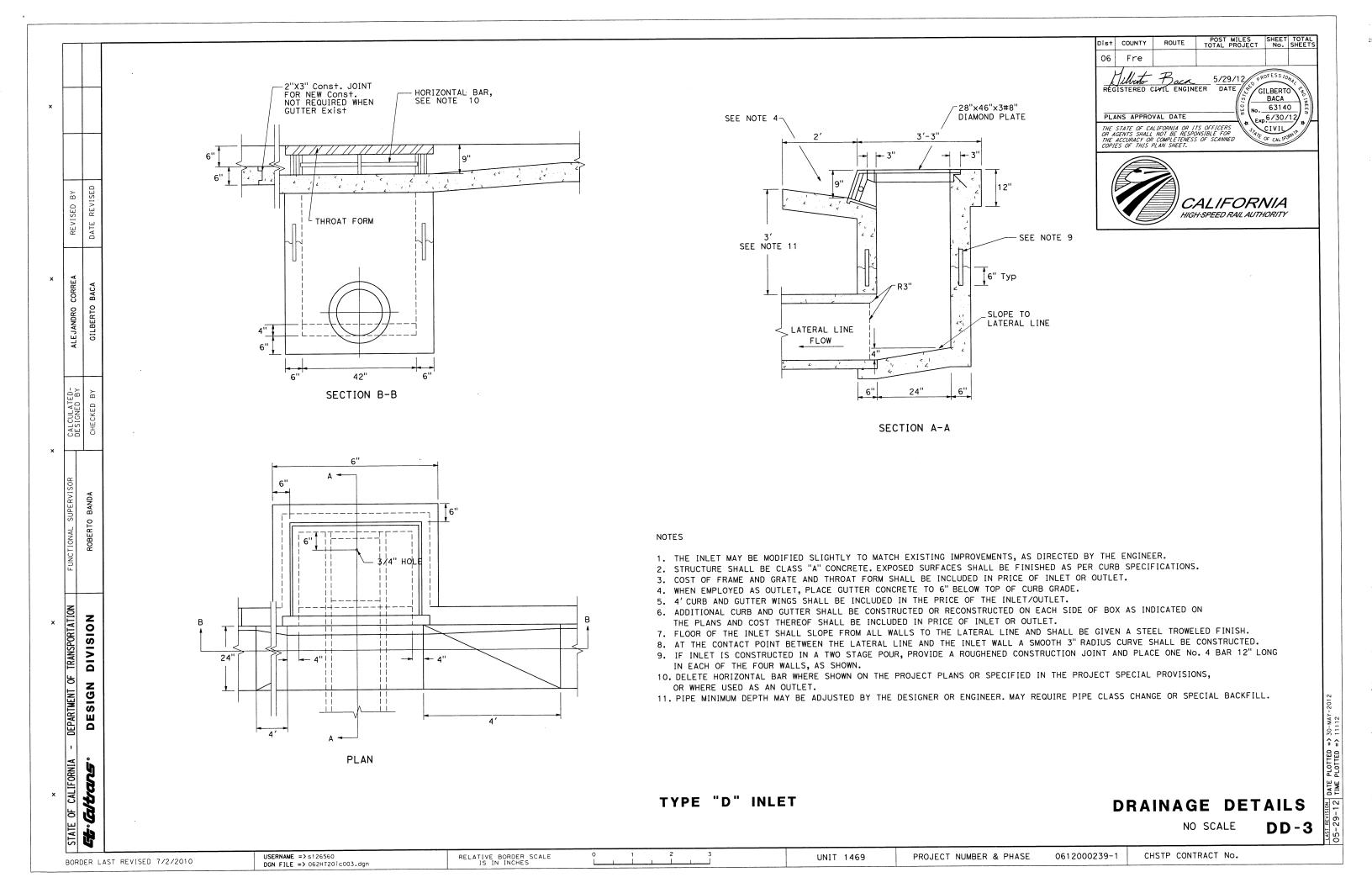
BORDER LAST REVISED 7/2/2010

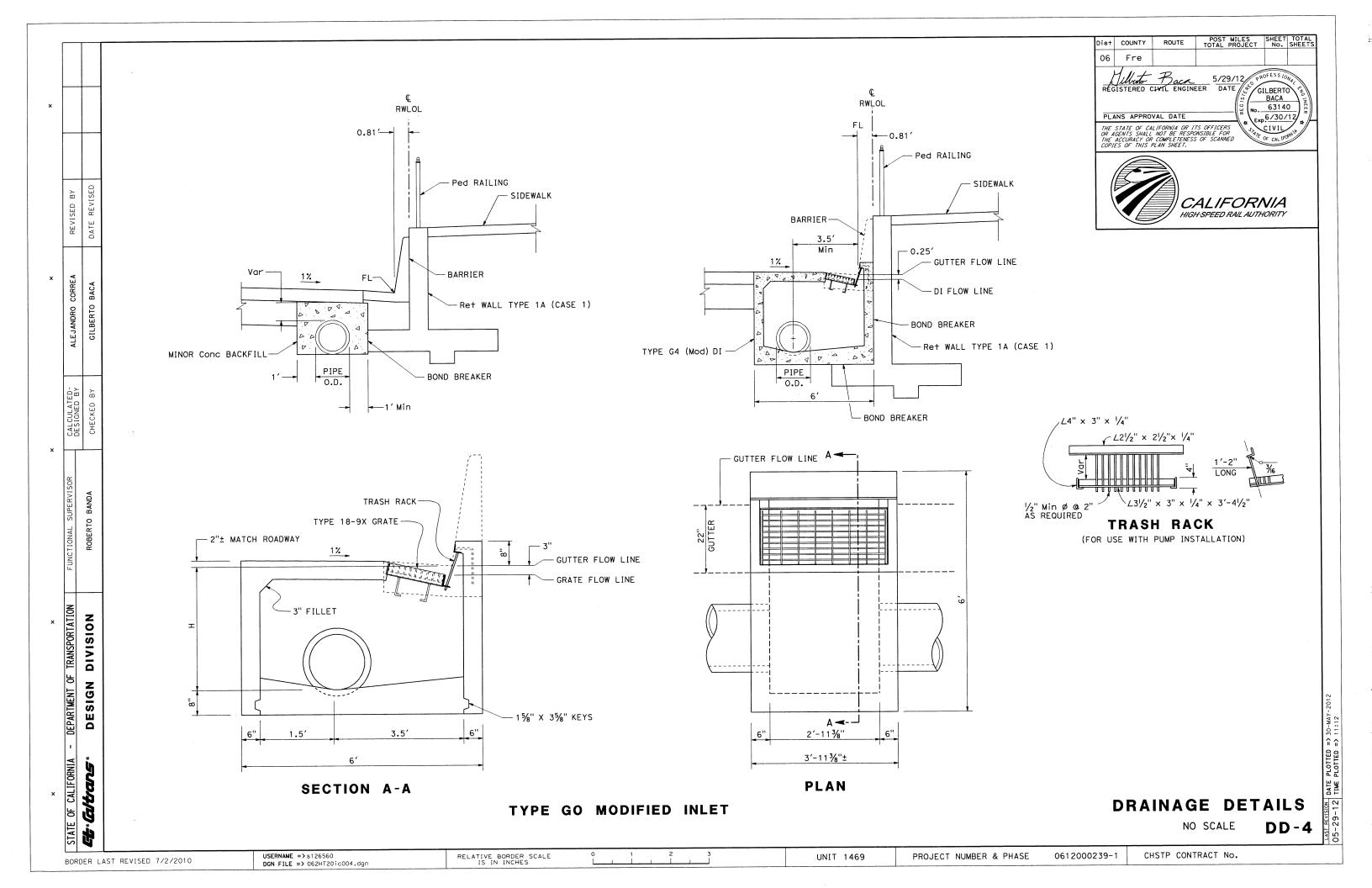
CHSTP CONTRACT No.

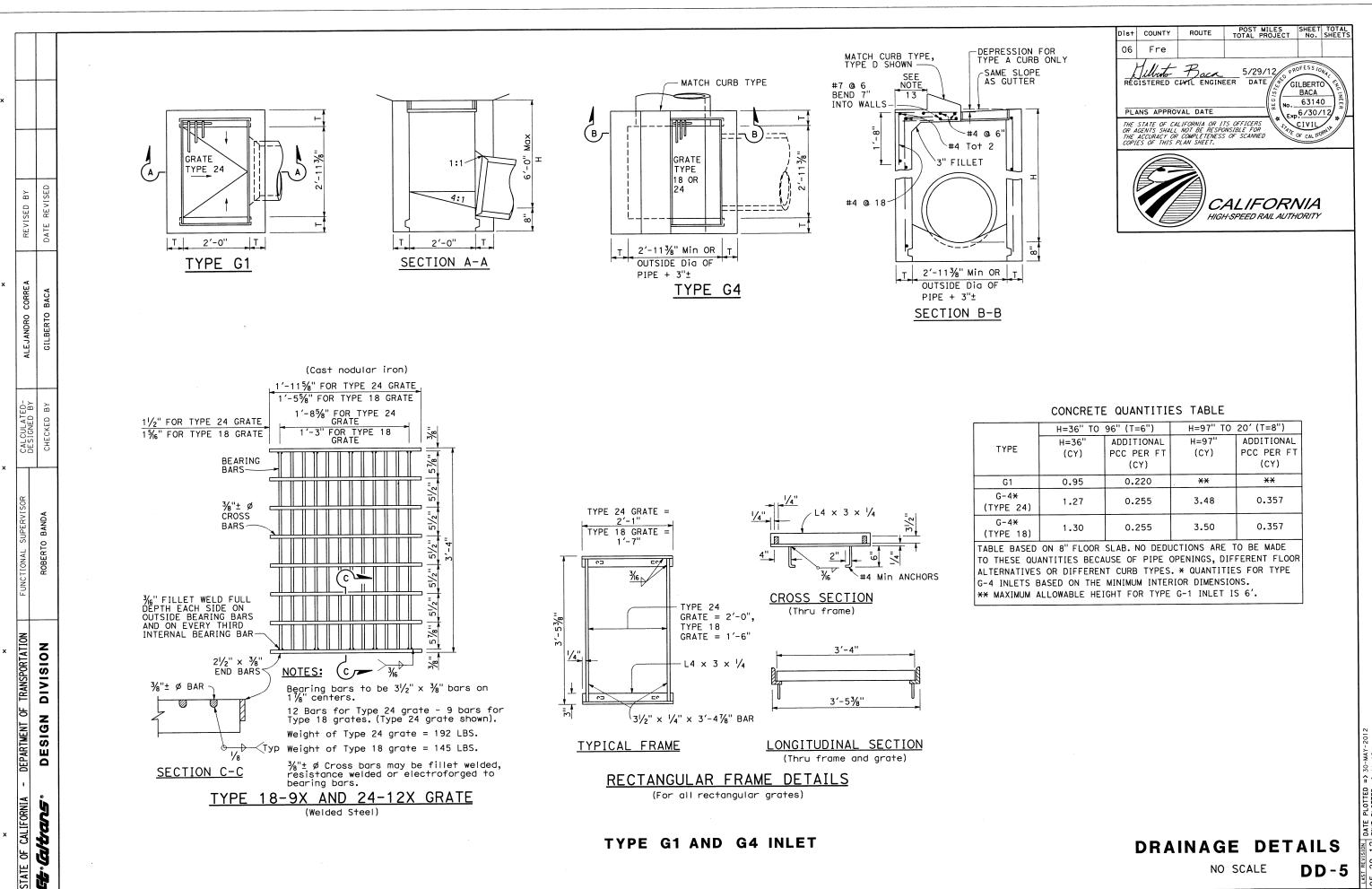
PROJECT NUMBER & PHASE

UNIT 1469

0612000239-1







TYPE G1 AND G4 INLET

DRAINAGE DETAILS

NO SCALE

DD-5

USERNAME => s126560 BORDER LAST REVISED 7/2/2010

DGN FILE => 062HT20ic005.dgr

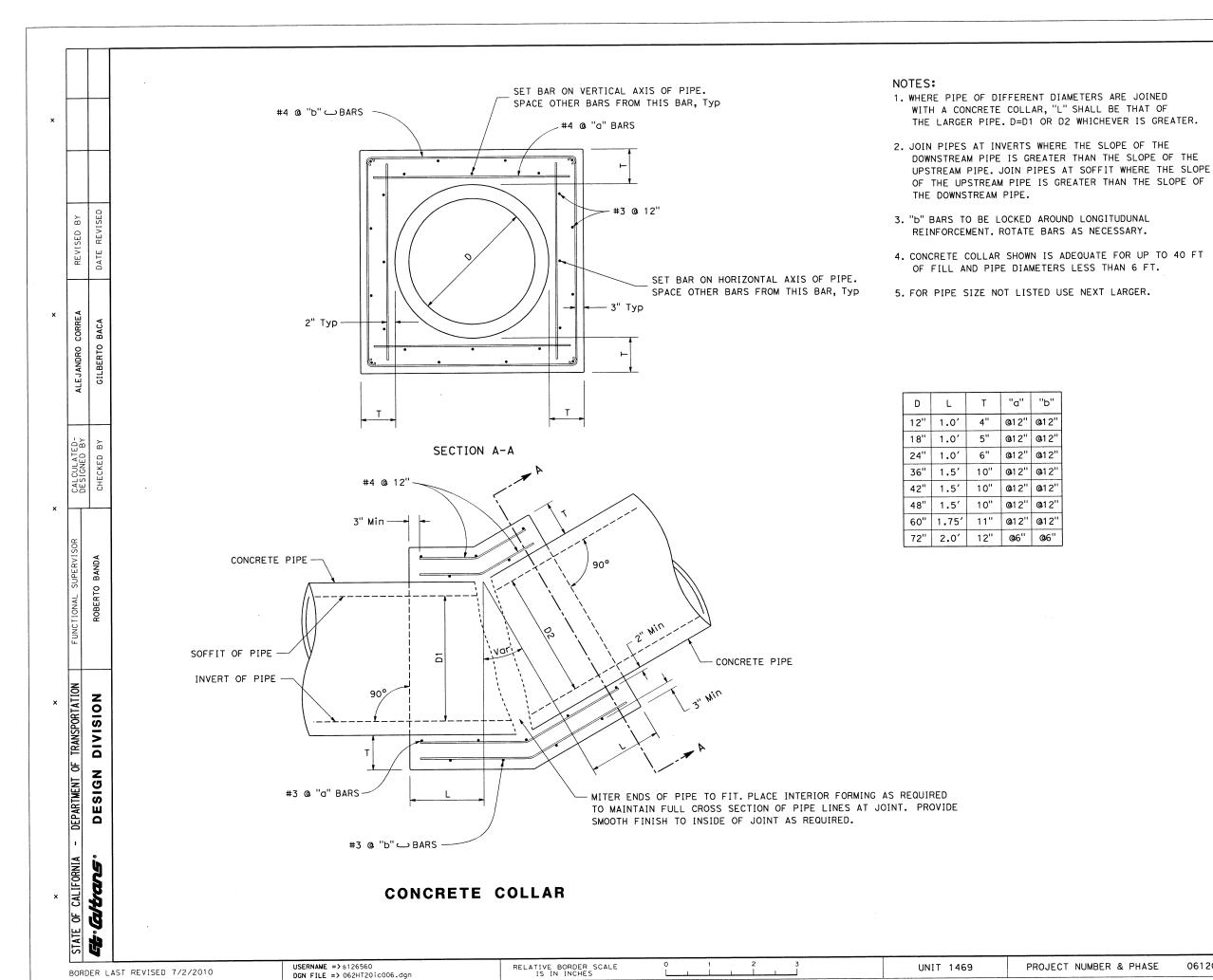
RELATIVE BORDER SCALE
IS IN INCHES

UNIT 1469

PROJECT NUMBER & PHASE

0612000239-1

CHSTP CONTRACT No.



Dist COUNTY ROUTE POST MILES SHEET TOTAL SHEETS

OF FRE DATE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED

OCCUPIES OF THIS PLAN SHEET.



DRAINAGE DETAILS

NO SCALE DD-6

CHSTP CONTRACT No.

0612000239-1

	Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS
	06	Fre			
	1	lilluto	Pace CIVIL ENGIN	5/29/12/ PER DATE	ROFESS IONAL
				E C 187	GILBERTO BACA 63140
			VAL DATE MIFORNIA OR I NOT BE RESPO	TS OFFICERS ONSIBLE FOR SOF SCANNED	×p.6/30/12 ** CIVIL ** CIVIL **
	COPIE	S OF THIS	PLAN SHEET.	O O SCHINED	CAL
REVISED			C	ALIFORI H-SPEED RAIL AUT	NIA
DATE	<u>L</u>				
_	i i	1	1 1		

	\bigcirc	0		(N) "H		EL	(N)	בורר)		FRAI 8 GRA	k		IANHC	LE	RE CON	INFORCEI CRETE P) IPE	Z)		S GRATE						\bigcirc	
DRAINAGE PLAN SHEET NO.	DRAINAGE SYSTEM No.	DRAINAGE UNIT NO.	INLET	DESIGN HEIGHT "	MINOR Conc (MINOR Str)	Misc IRON & STEE!	PLACE HMA (Misc AREA)	MINOR CONCRETE (BACKF	TYPE D	18-9X	24-12X	TRASH RACK TYPE A (CASE I)	TYPE A (CASE	FRAME	18"	24"	,09	CONCRETE (CONCRETE APRON)	REMOVE INLET	REMOVE FRAME &	REMOVE RCP	REMOVE MANHOLE	DESCRIPTION	STATION	DRAINAGE UNIT NO	DRAINAGE SYSTEM No.	DRAINAGE PLAN SHEET NO.
D IS	Ξ'n	۵	TYPE	F†	CY	LB	SQYD	CY	EA	EA	EA	EA EA	EA	EA	LF	LF	LF	CY	EA	LF	LF	EA	0.411 DOD		a	1	D-1
D-1	1	a					70							<u> </u>		252.9					-		24" RCP TYPE A MANHOLE (CASE I)	"GST" 31+00.00, L+ 2.00'	Ь		+
		b		6.9								1		1		05.7							24" RCP	931 31100:00; E1 2:00	c		+
		С				100							-	-		25.7		0.2					TYPE D DI	"GST" 31+00.00, L+ 27.67'	d		+1
		d	D	6.0	2.20	168			1				-	ļ		51.4		0.2					24" RCP	031 31 031 031 031	e		
		е			0.17	1.00			1				-			31.4		0.2			-		TYPE D DI	"GST" 31+00.00, R+ 50.72'	f		
		f	D		2.13		-		1			-	-	-				0.2			-	<u> </u>	TYPE D DI	"GST" 36+41.43, L+ 29.00'	а	2	D-1
D-1	2	а	D	6.1	2.22	100							-	-		33.7		0.2				-	24" RCP		b		
		Ь		6.9								1	-	1		33.1							TYPE A MANHOLE (CASE I)	"GST" 36+41.43, R+ 6.00'	С		
		d		0.9				-				·		† ·		21.7				-			24" RCP		d		
	-	 	D	6 1	2.22	168			1				_	+				0.2					TYPE D DI	"GST" 36+41.43, R+ 29.00'	е		
		e f		0.1	2.22	100	50	-				_	-	 		184.9							24" RCP		f		
<u> </u>		g		7.8			+ 30					1	+	1									TYPE A MANHOLE (CASE I)	"GST" 38+30.24, R+ 6.00'	g		
		h		1.0	-		26						_			55.7							24" RCP		h		
	-	 ''	-	7.4	-							1		1									TYPE A MANHOLE (CASE I)	"MA" 23+12.71, L+ 6.00'	i		
					<u> </u>		160									18.1							24" RCP		j		
		K	D	7.0	2.44	168	1.00		1									0.2					TYPE D DI	"MA" 22+53.00, L+ 25.36'	k		
				1		- 100										30.7							24" RCP		1		
		m	D	7.0	2.44	168	1		1									0.2					TYPE D DI	"MA" 22+53.00, R+ 26.03'	m		
		n		1.00												347.5							24" RCP		n		
		0		15.4									1	1									TYPE A MANHOLE (CASE IV)	"MA" 19+00.00, L+ 6.00'	0		
D-1	3	a		4.3								1		1									TYPE A MANHOLE (CASE I)	"FFS" 11+98.50, R+ 26.66'	a	3	D-1
	<u> </u>	ь													47.0								18" RCP		Ь	L	
		С	G1	5.9	1.59	239					1							1.5					TYPE G1 DI, 24-12X GRATE	"FFS" 11+98.50, R+ 76.65'	С	<u> </u>	
D-2	4	a			2.06					1		1						0.2					TYPE GO (Mod) DI, 18-9X GRATE	"FFS" 15+05.00, L+ 34.00'	<u>a</u>	4	D-2
		Ь						2.2							19.6								18" RCP		Ь		+
		С	GO	3.3	2.03	187				1		1						0.2			ļ		TYPE GO (Mod) DI, 18-9X GRATE	"FFS" 15+27.17, L+ 35.42'	C	-	+
		d						7.3							45.1				<u> </u>				18" RCP		d	-	+
		е	GO	4.1	2.30	187				1		1						0.2			ļ		TYPE GO (Mod) DI, 18-9X GRATE	"FFS" 15+75.00, L+ 40.26'	e		
		f						2.4							118.2		<u> </u>				ļ	ļ	18" RCP		f	+	+
		g	GO	6.0	2.43	187				1		1					ļ	0.2		<u> </u>	-		TYPE GO (Mod) DI, 18-9X GRATE	"FFS" 16+97.80, L+ 48.31'	g	 	+
		h														20.2			<u> </u>		-	-	24" RCP	"FFC" 17110 70 1± 01 F0'	l h		+
		i	G4	6.9	3.23	187				1		1					ļ	0.2		1	-	-	TYPE G4 DI, 18-9X GRATE	"FFS" 17+10.38, L+ 21.59'	+ ;	 	+
		j							<u> </u>	ļ				-			114.8	1	<u> </u>		+	+	60" RCP			+	+
	SHE	ET TO	OTAL		27.29	2182	306	11.9	6	5	1	5 5	5 1	6	229.9	1036.5	1114.8	3.7	0	0	0	0				1	

(N) NOT A SEPERATE PAY ITEM, FOR INFORMATION ONLY.

ROBERTO BANDA

DEPARTMENT OF TRANSPORTATION DESIGN DIVISION

DRAINAGE QUANTITIES

DQ-1

*
STATE OF CALIFORNIA

GB*Caltrans** RELATIVE BORDER SCALE
IS IN INCHES USERNAME =>s126560 DGN FILE => 062HT20id001.dgn PROJECT NUMBER & PHASE CHSTP CONTRACT No. UNIT 1469 0612000239-1 BORDER LAST REVISED 7/2/2010

			DOCT MUSE	SHEET	TOTAL
Dis+	COUNTY	ROUTE	POST MILES TOTAL PROJECT	No.	SHEETS
06	Fre				
	SISTERED C	Pace ENGINE	EER DATE	ILBERTO BACA 6314	0 (Z NEE A
OR A THE	GENTS SHALL	LIFORNIA OR I NOT BE RESPO COMPLETENESS PLAN SHEET.	TC 05510505 T	CIVIL OF CAL IF	/ "//
		<u> </u>			

CALIFORNIA
CALIFORIVIA HIGH-SPEED RAIL AUTHORITY

())		(N)		STEEL	(N)	(BACKFILL)			ME & ATE			HOLE	1	REI CONC	NFORCED CRETE P	IPE	(NC		& GRATE	—	Ш			No.		,
DRAINAGE PLAN SHEET NO.	•	DRAINAGE UNIT NO	INLET	DESIGN HEIGHT	MINOR Conc (MINOR S+r)	Misc IRON & ST	PLACE HMA (Misc AREA)	MINOR CONCRETE (BACK	TYPE D	18-9X	24-12X	TRASH RACK	A (CASE	CASE	8	18"	24"	.09	CONCRETE (CONCRETE APRON)	REMOVE INLET	REMOVE FRAME	REMOVE CULVERT	REMOVE MANHOL	DESCRIPTION	STATION	DRAINAGE UNIT N	DRAINAGE SYSTEM No.	DRAINAGE PLAN SHEET NO.
RR	SY	품 누		F†	CY		SQYD						EA	EA E	Α	LF	LF	LF	CY	EΑ	EΑ	LF	EΑ					
D-2	5									1		1							0.2					TYPE GO (Mod) DI, 18-9X GRATE	"FFS" 15+05.00, R+ 34.00'	а	5	D-2
		ь	+					2.2							1	9.3								18" RCP		Ь	L	\perp
			GO	3.3	2.06	187				1		1							0.2					TYPE GO (Mod) DI, 18-9X GRATE	"FFS" 15+27.17, R+ 34.00'	С		
		d						7.3							4	5.1								18" RCP		d	ļ	
			GO	4.0	2.30	187				1		1							0.2					TYPE GO (Mod) DI, 18-9X GRATE	"FFS" 15+75.00, Rt 35.27'	e	ļ	1
		f						2.0							12	24.8								18" RCP		f	ļ	+
		g	GO	6.4	3.70	187				1		1							0.2					TYPE GO (Mod) DI, 18-9X GRATE	"FFS" 17+00.00, R+ 44.32'	9	ļ	+
		h										1					59.1							24" RCP	WW	<u>h</u>	-	\perp
		i																						INSTALL TRASH RACK to Exist DI	"FFS" 17+55.58, R+ 20.07'		4.77	- 1
D-1	1 X	а																		1	1			REMOVE INLET	"GST" 31+78.35, R+ 73.33'	a	1 X	D-1
		Ь																				32		REMOVE RCP	WW	Ь	<u> </u>	++
		С																		1	1			REMOVE INLET	"GST" 31+57.39, R+ 50.92'	c	-	
		d																				235		REMOVE RCP		d	- 0	+
D-1	2X	а																		1	1			REMOVE INLET	"FFS" 11+49.17, L+ 69.51'	a	2X	D-1
		b																				26		REMOVE RCP	#550# 44 + 40 07 + 1 47 04/	Ь	-	
		С																		1	1			REMOVE INLET	"FFS" 11+42.23, L+ 43.84'	C	-	+
		d																				78		REMOVE RCP	U556U 40444 70 11 45 74	d		
		е																		1	1			REMOVE INLET	"FFS" 12+14.30, L† 45.74'	e f	-	+
		f																				80		REMOVE RCP			77	D-1
D-1	3X	а																				174		REMOVE RCP	"FFC" 40455 00 Dt 37 00'	a b	3X	10-1
		b																		1	1			REMOVE INLET	"FFS" 12+55.90, R+ 37.80'	C	+-	+
		С																				58		REMOVE RCP	"CCT" 74147 74 D+ 70 15'	d	+	+
		d																	-	1	1	110		REMOVE INLET	"GST" 34+43.34, R+ 30.15'	e	-	+
		е																	ļ		ļ	110		REMOVE RCP	"CCT" 75120 00 1+ 20 50'	f	-	+
		f						L												1	1		-	REMOVE INLET	"GST" 35+29.98, L+ 28.50'		+	+
		g								<u> </u>					-						 	-	1	REMOVE MANHOLE	"GST" 33+86.81, R+ 32.53' "MA" 22+53.00, R+ 26.23'	g a		D-1
D-1	4X	а						<u> </u>		<u> </u>									ļ	1	1	ļ		REMOVE INLET	"FFS" 16+94.08, L+ 51.67'	a		D-1
D-2	5X	а									<u> </u>								-	1	1	7-		REMOVE INLET	FF3 10734.00, L1 31.01	Ь	+ 3^	+ 5 2
		b						ļ			-									<u> </u>	 	35		REMOVE RCP	"FFS" 17+08.26, L† 21.49'	C	+-	+
		С							-	1	ļ			-					-	1	1	100		REMOVE INLET	FF3 11TU0.20, L1 21.49	d	+	+
		d								-	ļ			-		$-\!\!\!\!+$				-	-	122		REMOVE INLET	"FFS" 16+38.80, R+ 42.48'	a	6X	D-2
D-2	6X	а			L						-				-					1	1	100		REMOVE INLET	113 10130.00, 11 42.40	Ь	+ **	+
		b					ļ			_		_			_	20 =	FO 1	0.0		10	10	100	1	REMOVE RCP		-+-	-	
	SHEE					748		11.5		4		5	0			89.2	59.1		0.8	12	12	1050	0				-	+-
l SH	IEET '	TOTAL	_ DQ-	· 1	27.29	2182	306	11.9	6	5	1	5	5	1	6 2	29.9	1036.5	1114.8	ა ა./	0	0	0	1 0				+	+

(N) NOT A SEPERATE PAY ITEM, FOR INFORMATION ONLY.

ROBERTO BANDA

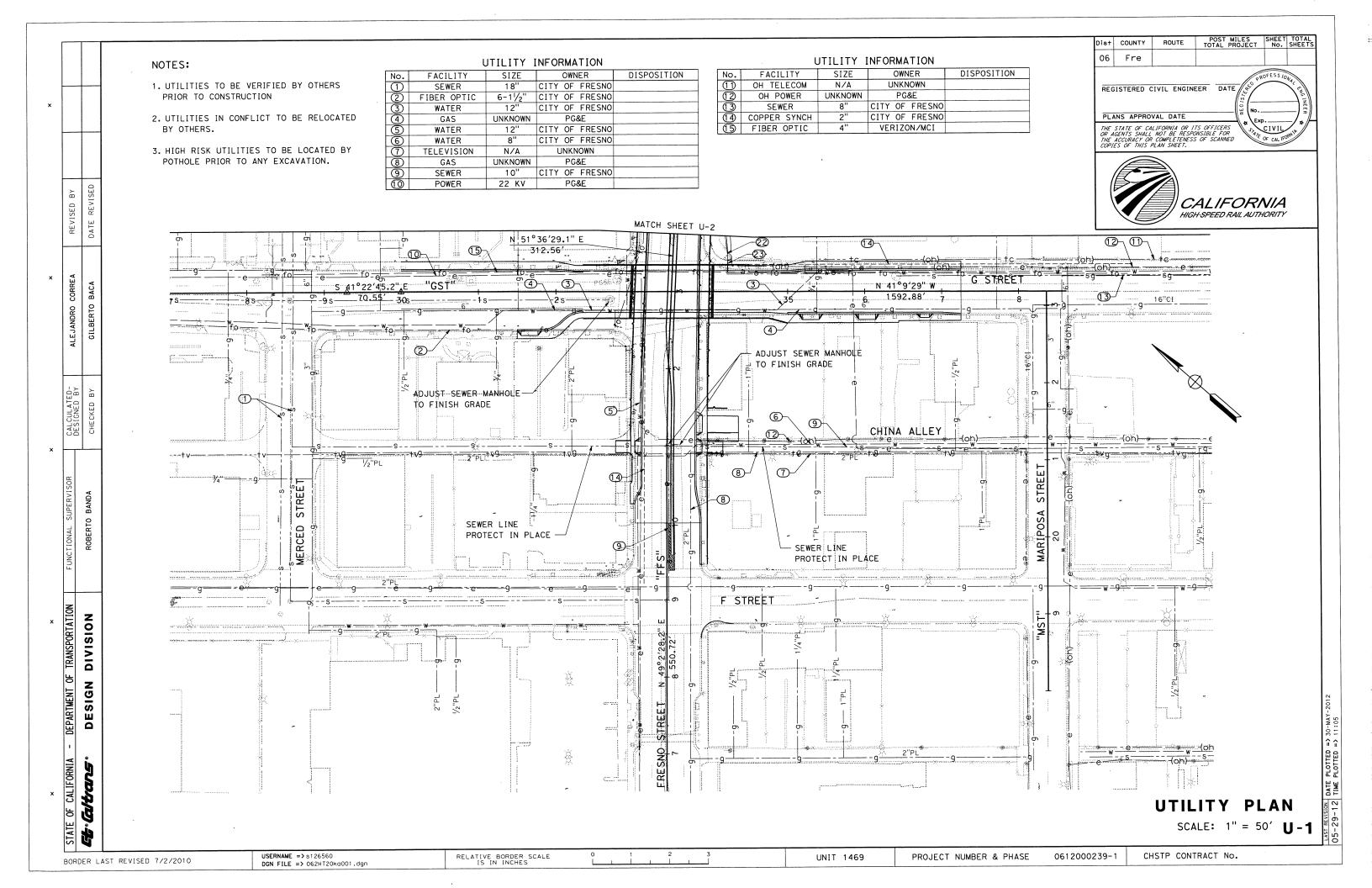
×
DEPARTMENT OF TRANSPORTATION

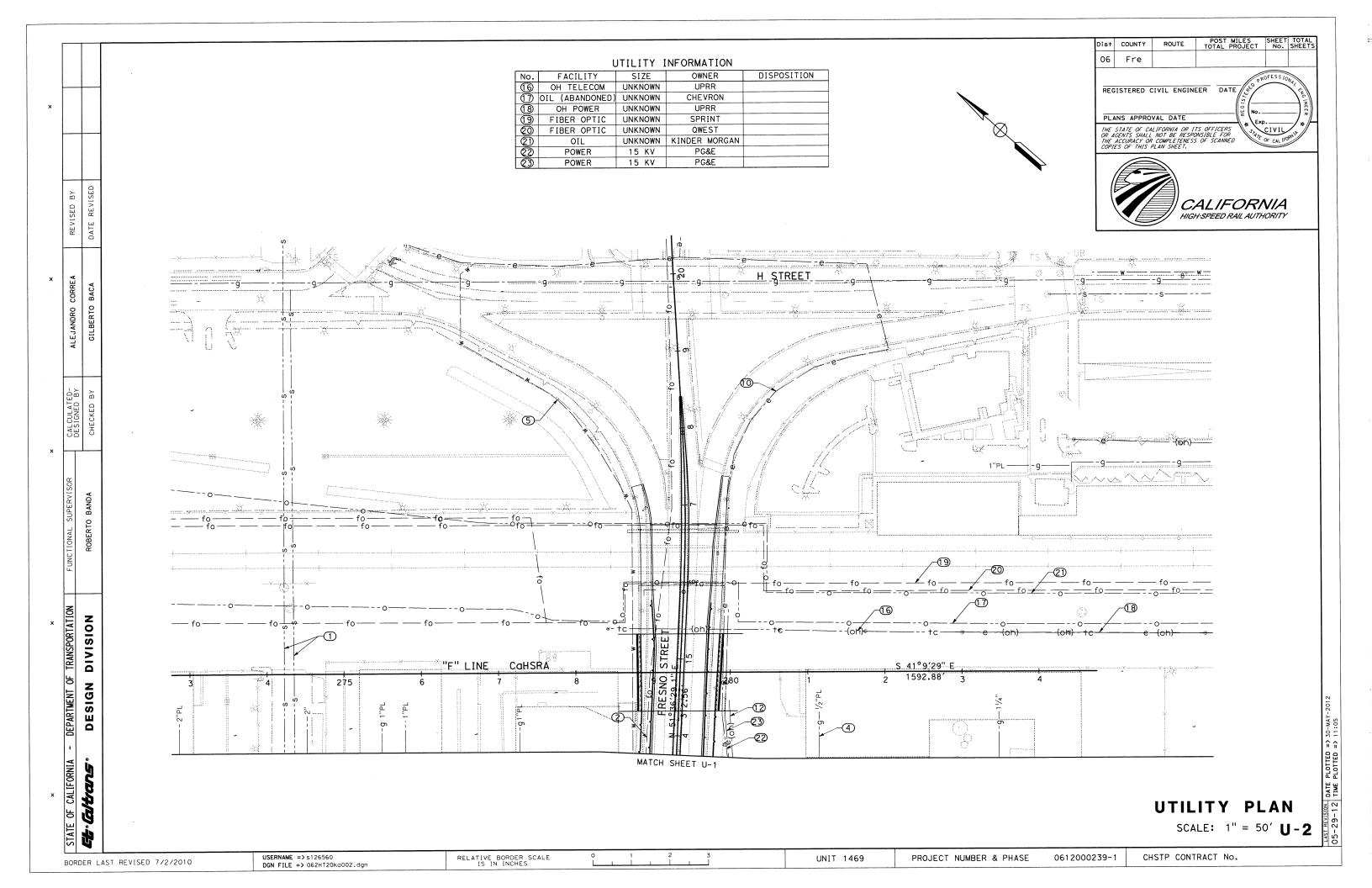
DESIGN DIVISION

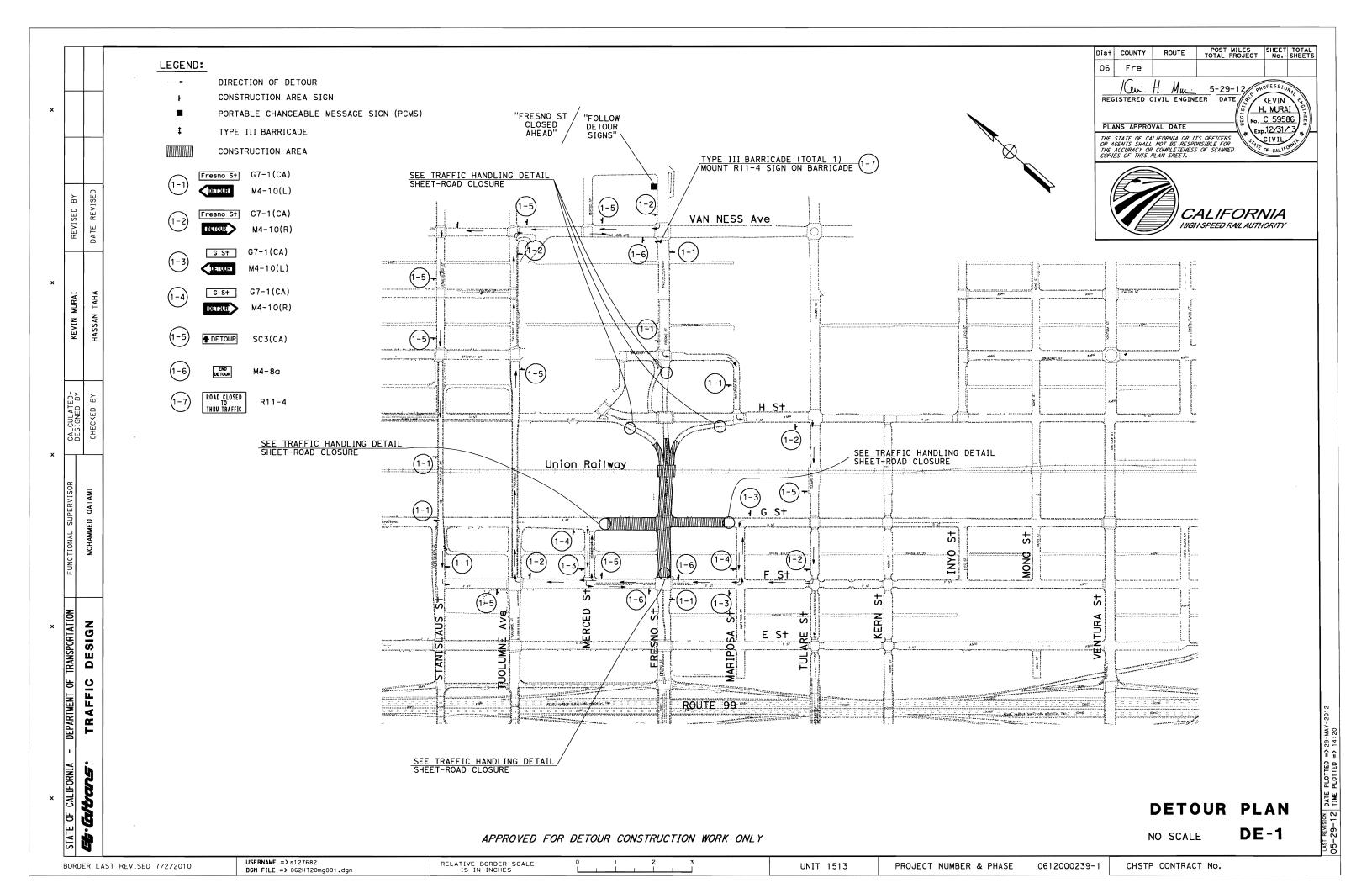
DRAINAGE QUANTITIES

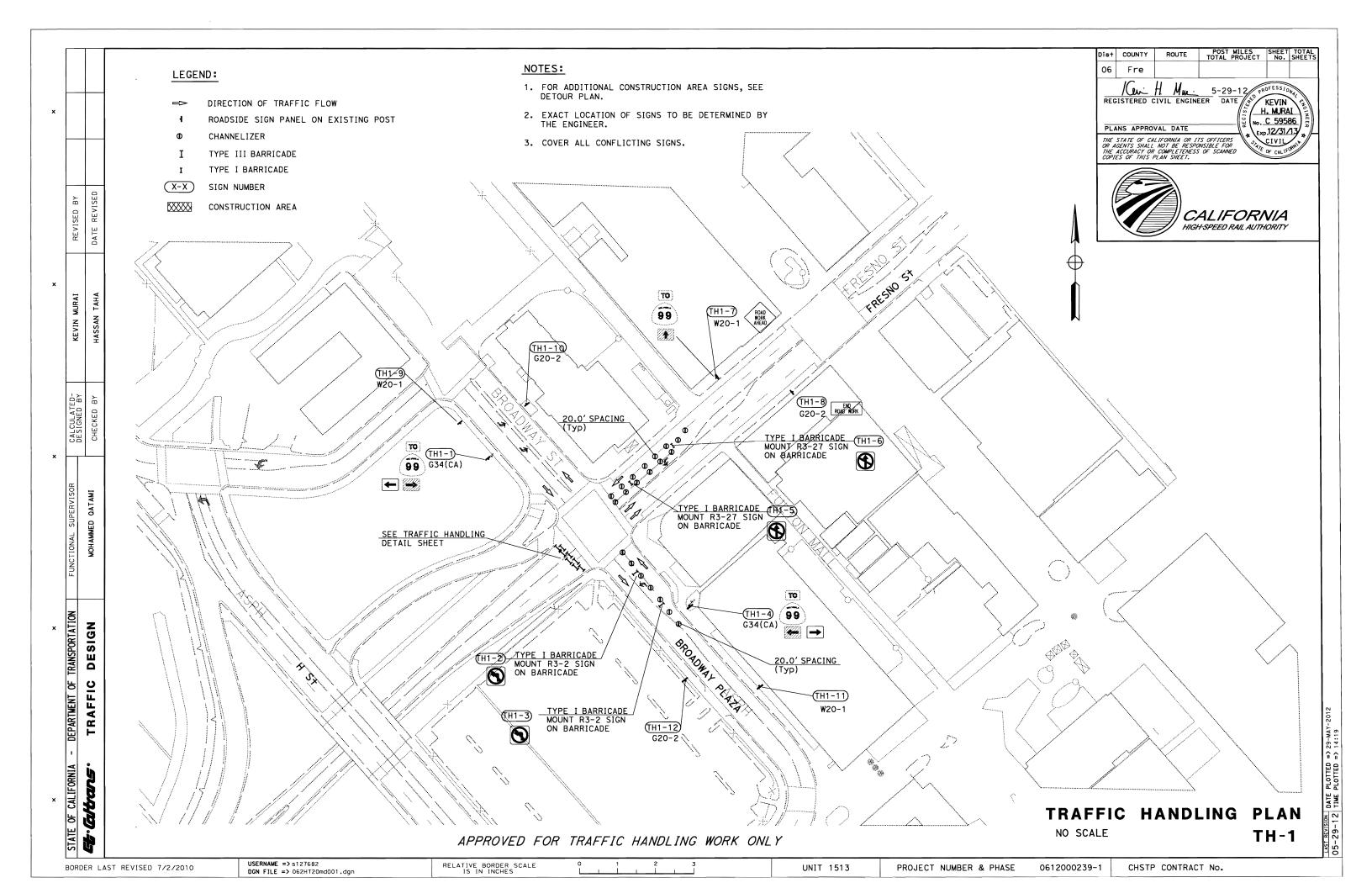
DQ-2

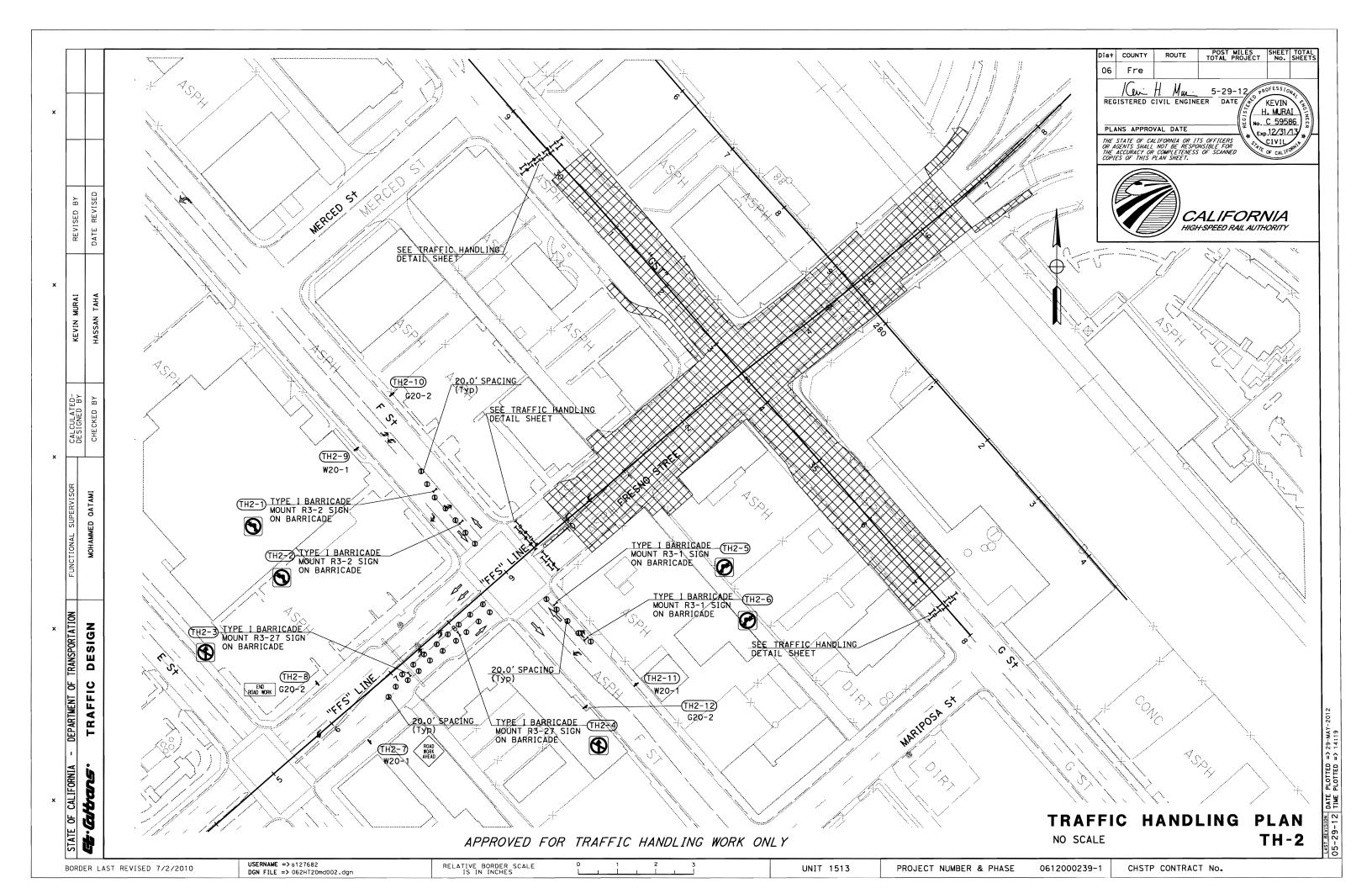
×
STATE OF CALIFORNÍA **Etr·Caltrans*** USERNAME => s126560 DGN FILE => 062HT20id002.dgn CHSTP CONTRACT No. RELATIVE BORDER SCALE IS IN INCHES UNIT 1469 PROJECT NUMBER & PHASE 0612000239-1 BORDER LAST REVISED 7/2/2010











SPECIAL ADVANCE NOTICE PUBLICITY SIGN



REVISED

DATE

HASSAN TAHA

KEVIN

CALCULATED-DESIGNED BY

TRANSPORTATION SIGN

DEPARTMENT

DE

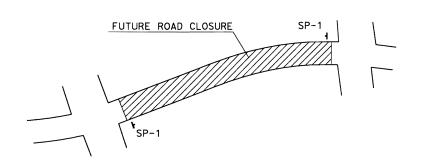
RAFFIC

BORDER LAST REVISED 7/2/2010

REVISED

NOTES:

- 1. SIGN SHALL HAVE ORANGE RETROREFLECTORIZED BACKGROUND WITH BLACK BORDER AND LETTERS.
- 2. BOLT HOLES SHALL BE 3/8 " DIAMETER.
- 3. BASE MATERIAL SHALL BE ALUMINUM (MINIMUM 0.06").
- 4. SIGN SHALL BE MOUNTED WITH THE BOTTOM OF SIGN A MINIMUM OF 6' ABOVE GROUND.
- 5. SIGN SHALL BE PLACED A MINIMUM 7 DAYS BEFORE TEMPORARY ROAD CLOSURE.



Dist COUNTY ROUTE POST MILES SHEET TOTAL TOTAL PROJECT No. SHEETS 06 Fre REGISTERED CIVIL ENGINEER DATE 5-29-12 PROFESSI KEVIN H. MURAI No. C 59586 PLANS APPROVAL DATE Exp.12/31/13 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETERS OF SCANNED COPIES OF THIS PLAN SHEET. CIVIL



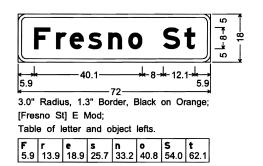
ADVANCE ROAD CLOSURE

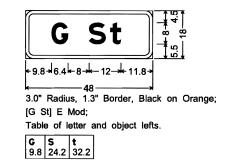
SHEET No.	SP-1* SIGN	LOCATION
110.	EA	
DE-1	2	FRESNO STREET
	2	G STREET
TOTAL	4	

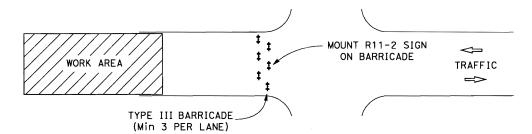
* SP-1 SIGN TO BE PLACED NEAR THE ENTRANCE OF THE ROAD CLOSURE.

NOTE: FOR ADDITIONAL CONSTRUCTION AREA SIGNS REFER TO DETOUR PLAN AND TRAFFIC HANDLING QUANTITIES.

BORDER MARGIN LETTER SIZE CORNER SIZE WIDTH WIDTH LINE 1 LINE 2* LINE 3 LINE 4 LINE 5,6 & 7 RADIUS 48"x60" 11/4" 4E 6E 3" 4D 11/2" 42"x26" 4D **OVERLAY** 3D







ROAD CLOSURE

SHEET No.	LOCATION	DIRECTION	TYPE III BARRICADE EA	R11-2 SIGN EA
DE-1	FRESNO STREET	SB	12	2
		NB	18	2
	H STREET	EB	3	1
	H SIREEI	EB	3	1
	G STREET	EB	18	2
	G STREET	WB	18	2
	ТОТ	AL	72	10

NOTE: FOR ADDITIONAL CONSTRUCTION AREA SIGNS REFER TO DETOUR PLAN AND TRAFFIC HANDLING QUANTITIES.

TRAFFIC HANDLING **DETAILS AND QUANTITIES**

NO SCALE

THD-1

USERNAME => s127682 RELATIVE BORDER SCALE IS IN INCHES UNIT 1513 PROJECT NUMBER & PHASE 0612000239-1 CHSTP CONTRACT No. DGN FILE => 062HT20me001.dgn

QATAMI DEPARTMENT OF TRANSPORTATION DESIGN TRAFFIC STATE OF CALIFORNIA

BORDER LAST REVISED 7/2/2010

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS (TRAFFIC HANDLING)

SHEET No.	SIGN (No.)	SIGN CODE	SIGN MESSAGE	No. OF POST AND SIZE	PANEL SIZE	EACH	REMARK
DE-1	1-1	G7-1(CA)	FRESNO ST	1 - 4" × 6"	72" x 24"	8	
		M4-10(L)	DETOUR ARROW LEFT	1 4 2 0	48" × 18"		
	1-2	G7-1(CA)	FRESNO ST	1 - 4" × 6"	72" x 24"	5	
		M4-10(R)	DETOUR ARROW RIGHT	1 - 4 ^ 0	48" × 18"	J	
	1-3	G7-1(CA)	G ST	1 - 4" × 6"	72" × 24"	7	
		M4-10(L)	DETOUR ARROW LEFT	1 - 4 x 6	48" × 18"	3	
	1-4	G7-1(CA)	G ST	1 - 4" × 6"	72" × 24"	2	
		M4-10(R)	DETOUR ARROW RIGHT	1 - 4 x 6	48" × 18"		
	1-5	SC3(CA)	DETOUR W/ARROW	1 - 4" × 6"	48" × 18"	8	
	1-6	M4-8a	END DETOUR	1 - 4" x 4"	24" × 18"	3	
	1-7	R11-4	ROAD CLOSED TO THRU TRAFFIC		60" × 30"	1	MOUNTED ON BARRICADE
TH-1	TH1-1	G34(CA)	DIRECTIONAL ARROW		21" x 15"	1	MOUNTED ON EXISTING POST
	TH1-2	R3-2	NO LEFT TURN SYMBOL		24" × 24"	1	MOUNTED ON BARRICADE
	TH1-3	R3-2	NO LEFT TURN SYMBOL		24" x 24"	1	MOUNTED ON BARRICADE
	TH1-4	G34(CA)	DIRECTIONAL ARROW		21" x 15"	1	MOUNTED ON EXISTING POST
	TH1-5	R3-27	NO STRAIGHT THROUGH SYMBOL		24" × 24"	1	MOUNTED ON BARRICADE
	TH1-6	R3-27	NO STRAIGHT THROUGH SYMBOL		24" × 24"	1	MOUNTED ON BARRICADE
	TH1-7	W20-1	ROAD WORK AHEAD	1 - 4" × 4"	36" × 36"	1	
	TH1-8	G20-2	END ROAD WORK	1 - 4" × 4"	36" × 18"	1	
	TH1-9	W20-1	ROAD WORK AHEAD	1 - 4" × 4"	36" × 36"	1	
	TH1-10	G20-2	END ROAD WORK	1 - 4" × 4"	36" x 18"	1	
	TH1-11	₩20-1	ROAD WORK AHEAD	1 - 4" × 4"	36" × 36"	1	
	TH1-12	G20-2	END ROAD WORK	1 - 4" × 4"	36" x 18"	1	
TH-2	TH2-1	R3-2	NO LEFT TURN SYMBOL		24" x 24"	1	MOUNTED ON BARRICADE
	TH2-2	R3-2	NO LEFT TURN SYMBOL		24" × 24"	1	MOUNTED ON BARRICADE
	TH2-3	R3-27	NO STRAIGHT THROUGH SYMBOL		24" × 24"	1	MOUNTED ON BARRICADE
	TH2-4	R3-27	NO STRAIGHT THROUGH SYMBOL		24" × 24"	1	MOUNTED ON BARRICADE
	TH2-5	R3-1	NO RIGHT TURN SYMBOL		24" × 24"	1	MOUNTED ON BARRICADE
	TH2-6	R3-1	NO RIGHT TURN SYMBOL		24" × 24"	1	MOUNTED ON BARRICADE
	TH2-7	W20-1	ROAD WORK AHEAD	1 - 4" × 4"	36" × 36"		
	TH2-8	G20-2	END ROAD WORK	1 - 4" × 4"	36" × 18"		
	TH2-9	W20-1	ROAD WORK AHEAD	1 - 4" × 4"	36" × 36"		-
	TH2-10	G20-2	END ROAD WORK	1 - 4" × 4"	36" x 18"		
	TH2-11	W20-1	ROAD WORK AHEAD	1 - 4" × 4"	36" × 36"		
	TH2-12	G20-2	END ROAD WORK	1 - 4" × 4"	36" × 18"		

NOTE: FOR ADDITIONAL CONSTRUCTION AREA SIGNS REFER TO DETOUR PLAN AND TRAFFIC HANDLING DETAILS.

CHANNELIZER (SURFACE MOUNTED)

SHEET No.	EΑ
TH-1	21
TH-2	30
TOTAL	51

TYPE I BARRICADE

SHEET No.	EA
TH-1	4
TH-2	6
TOTAL	10

DIST COUNTY ROUTE POST MILES SHEET TOTAL SHEETS

OF FIG.

NO. SHEETS

OF ROFESSIONAL SHEETS

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OF ITS OFFICERS OF AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCUMACY OF COMPLETENESS OF SCAMED

CALIFORNIA

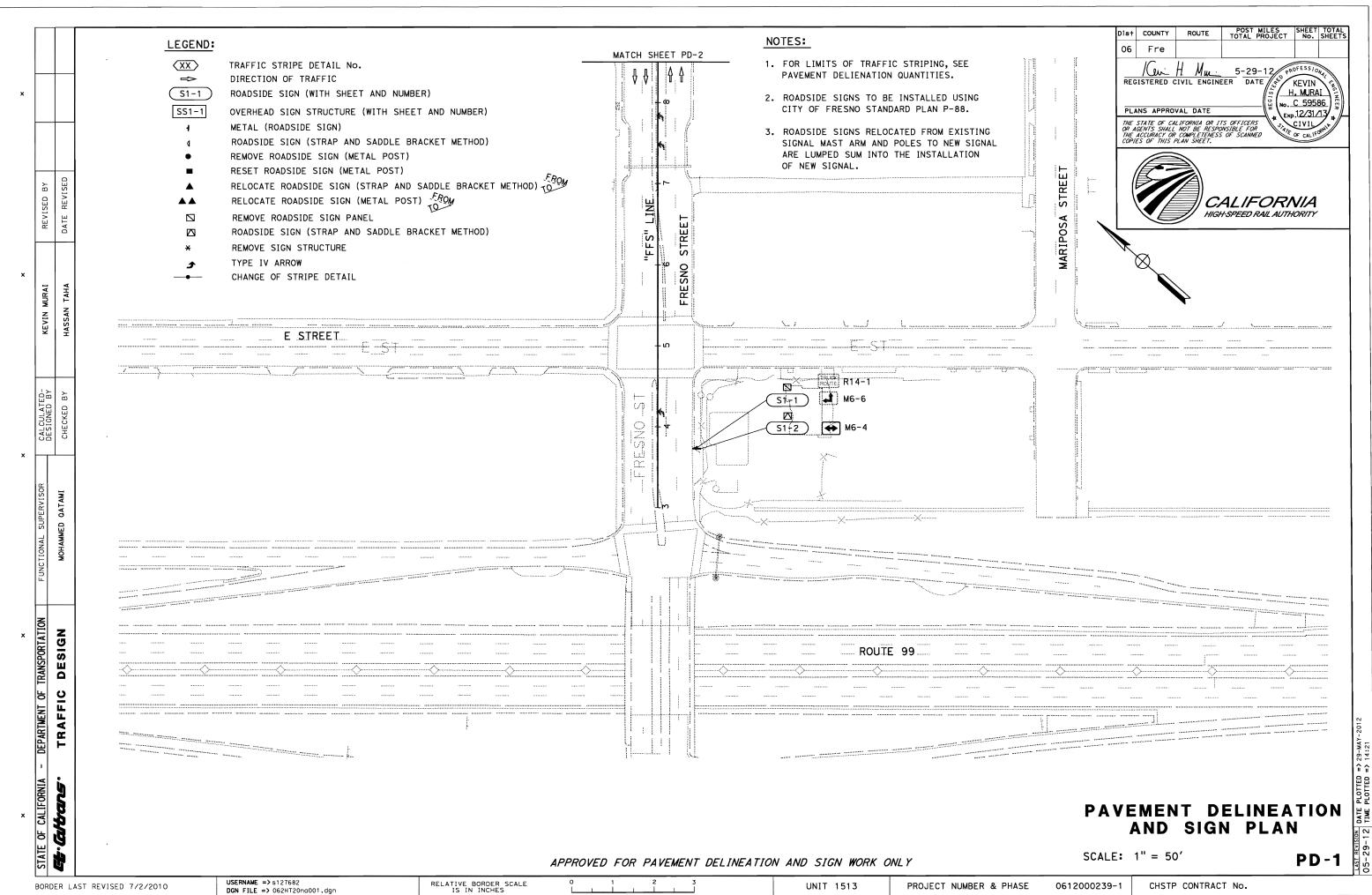
CALIFORNIA

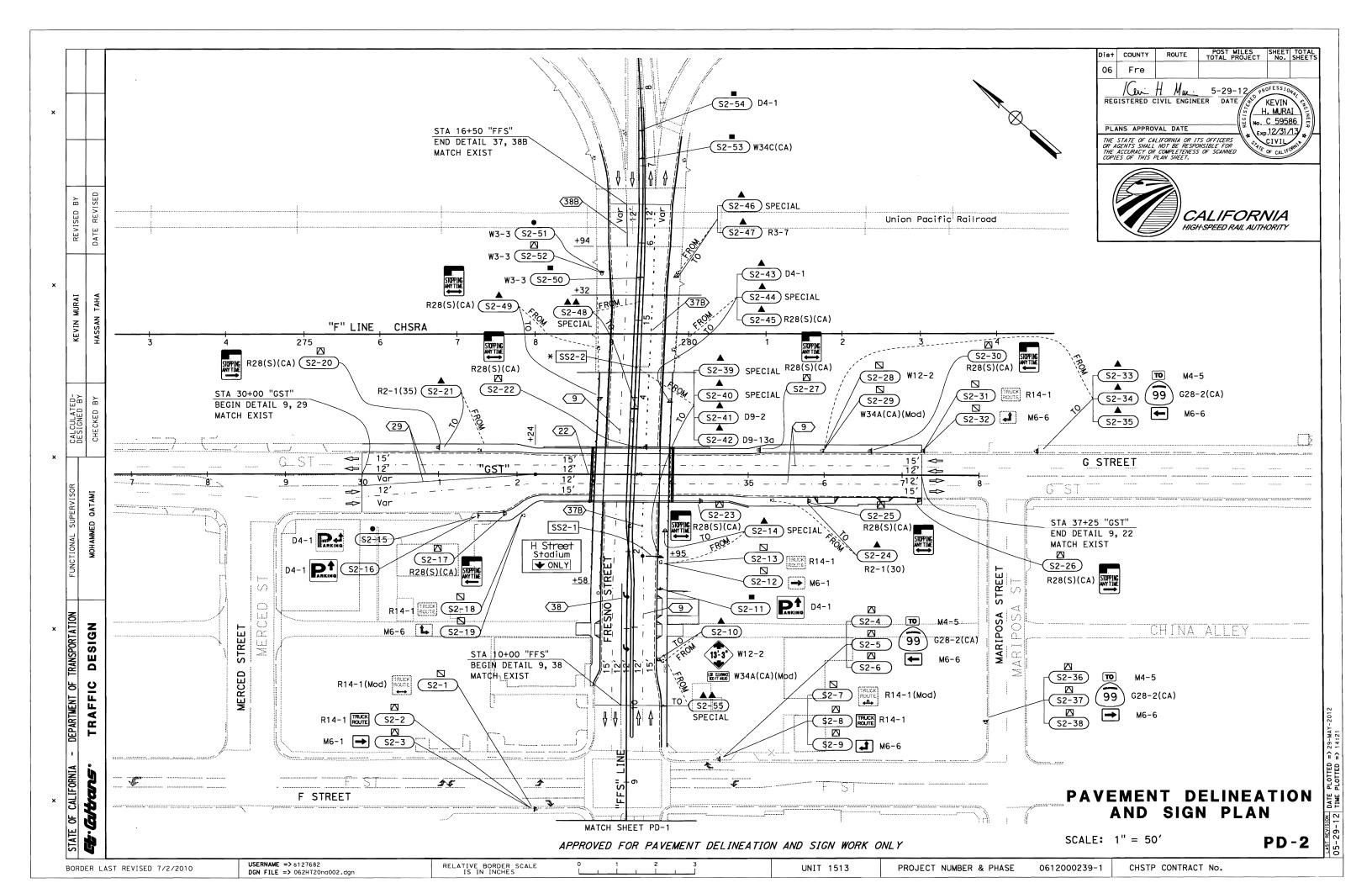
TRAFFIC HANDLING QUANTITIES

THQ-1

USERNAME => s127682
DGN FILE => 062HT20mf001.dgn

RELATIVE BORDER SCALE
0 1 2 3
DGN FILE => 062HT20mf001.dgn
UNIT 1513
PROJECT NUMBER & PHASE 0612000239-1
CHSTP CONTRACT No.





R: EB: WB SB: EA: SQFT: DATE REVISED REVISED BY CALCULATED-DESIGNED BY

МОНАММЕВ QATAMI

DESIGN

TRAFFIC

ABBREVIATIONS:

INSTALL/PLACE PAVEMENT DELINEATION REMOVE PAVEMENT DELINEATION EASTBOUND

WESTBOUND NORTHBOUND SOUTHBOUND EACH

SQUARE FEET

LF: LINEAR FOOT SSBM: STRAP AND SADDLE BRACKET METHOD

METAL POST

PAVEMENT DELINEATION QUANTITIES

		1.004	LOCATION			REMOVE	PAVEMENT (RETRO-RE		THERM	OPLASTIC	TRAFFIC	STRIPE	THERMOPLAS PAVEMENT	
SHEET No.	STREET	LOCA	TION	DIRECTION	DETAIL No.	ALLÆ	TYPE D	TYPE G	SOLID YELLOW	SOLID WHITE	(BROKEN 12'-3')	(BROKEN 17'-7')	MARKING	
						-			4''	4"	8''	4''	DECODIDATION	
		FROM	TO			SE	EA	EA	LF	LF	LF	LF	DESCRIPTION	SOFT
PD-2	FRESNO	10+00	11+95	NB	9	I		5				195		
	FRESNO	11+95	16+50	NB	37B	I		30			455			
	FRESNO	10+00	15+94	SB	9	I		13				594		
	FRESNO	15+94	16+50	SB	38B	I		8		56				
	FRESNO	10+00	11+58	SB	38	I		8		158			2 TYPE IV	30
	G	30+00	37+25	EB	9	I		16				725		
	G	30+00	32+24	EB	29	I	22		896					
	G	32+24	37+25	EB	22	I	44		1002					
	G	30+00	37+25	WB	9	I		16				725		
				<u></u>										
					SUBTOTAL		66	96	1898	214	455	2239		30
					TOTAL		16	52	21	12	455	2239		30

			POST MILES	SHEET TOTAL
Dist	COUNTY	ROUTE	TOTAL PROJECT	No. SHEETS
06	Fre			
PLA THE OR A THE	INS APPRO	LIFORNIA OR II NOT BE RESPO COMPLETENESS	EER DATE	KEVIN H. MURAI C 59586 p.12/31/13
		//	ALIFORI HSPEED RAIL AUTI	

ROADSIDE SIGN

					BACKGRO	DUND	LEGEN		GRAF FL		FURNISH SINGLE SHEET ALUMINUM SIGN	SIGN)	(V	SIGN (MP)	SIGN		IGN PA	SIGN (MP)
SHEET No.	SIGN No.	SIGN CODE	SIGN MESSAGE	PANEL SIZE (L×D)	SHEETING COLOR	RETROREFLECTIVITY ASTM TYPE	SHEETING COLOR	RETROREFLECTIVITY ASTM TYPE	STANDARD	PREMIUM	0.063"-UNFRAMED	METAL (ROADSIDE	L SIGN (SSE	삠	RELOCATE ROADSIDE (SSBM)	ROADSIDE	REMOVE ROADSIDE S	RELOCATE ROADSIDE
				INCH × INCH		<u>~</u>		<u>~</u>			SQFT			,	EA			
DD 4	S1-1	M6-6	DIRECTIONAL ARROW AUXILIARY													П	1	
PD-1	S1-2	M6-4	DIRECTIONAL ARROW AUXILIARY	21 X 15	WHITE	III	BLACK			Х	2.19		1					
PD-2	S2-1	R14-1	TRUCK ROUTE		The state of the s												1	
	S2-2	R14-1	TRUCK ROUTE	24 X 18	WHITE	III	BLACK		Х		3.00		1		1			
	S2-3	M6-1	DIRECTIONAL ARROW AUXILIARY	21 X 15	WHITE	III	BLACK			Х	2.19		1					
	S2-4	M4-5	ТО	24 X 12	WHITE	III	BLACK			Х	2.00		1					
1	S2-5	R14-1	TRUCK ROUTE	24 X 18	WHITE	III	BLACK		Х		3.00		1					
	S2-6	M6-6	DIRECTIONAL ARROW AUXILIARY	21 X 15	WHITE	III	BLACK			Х	2.19		1					
	S2-7	R14-1	TRUCK ROUTE														1	
	S2-8	R14-1	TRUCK ROUTE	24 X 18	WHITE	III	BLACK		Х		3.00		1					
	S2-9	M6-6	DIRECTIONAL ARROW AUXILIARY	21 X 15	WHITE	III	BLACK			Х	2.19		1					
	S2-10	W12-2	LOW CLEARANCE												1			
	S2-11	D4-1	PARKING AREA											1				
	S2-12	M6-1	DIRECTIONAL ARROW AUXILIARY												İ		1	
1	S2-13	R14-1	TRUCK ROUTE												İ		1	
	S2-14	SPECIAL	STORM READY COMMUNITY												1			
	S2-15	D4-1	PARKING AREA												i	1		
	S2-16	D4-1	PARKING AREA	30 X 24	GREEN	VII	WHITE	VII		Х	5.00	1						
									TC	TAL	24.75	1	8	1	2	1	5	0

PAVEMENT DELINEATION AND SIGN QUANTITIES

PDQ-1

BORDER LAST REVISED 7/2/2010

USERNAME => s127682 DGN FILE => 062HT20nc001.dgn

RELATIVE BORDER SCALE IS IN INCHES

PROJECT NUMBER & PHASE

UNIT 1513

0612000239-1

CHSTP CONTRACT No.

ROADSIDE SIGN

					BACKGRO	DUND	LEGE	ND	GRAF FL		FURNISH SINGLE SHEET ALUMINUM SIGN	SIGN)	W)	751	E SIGN	SIGN (MP)	SIGN PANEL DE SIGN (MP)
SHEET No.	SIGN No.	SIGN CODE	SIGN MESSAGE	PANEL SIZE (LXD)	SHEETING COLOR	RETROREFLECTIVITY ASTM TYPE	SHEETING COLOR	RETROREFLECTIVITY ASTM TYPE	STANDARD	PREMIUM	0.063"-UNFRAMED		INSTALL SIGN (SSBM)	OSIDE	RELOCATE ROADSIDE (SSBM)	ROADSIDE	REMOVE ROADSIDE SI RELOCATE ROADSIDE
				INCH × INCH	4	2		22			SQFT	† '	1		EA		
PD-2	S2-17	R28S (CA)	NO STOPPING ANY TIME WITH ARROW	12 X 18	WHITE	II	RED	II	Х			+	1	Т	L.,	ТТ	
'	S2-18	R14-1	TRUCK ROUTE		1001111	+	I ILD				1.50		·	_		+	1
	S2-19	M6-6	DIRECTIONAL ARROW AUXILIARY								,,,,,			1			1
	S2-20	R28S (CA)	NO STOPPING ANY TIME WITH ARROW	12 X 18	WHITE	II	RED	II	Х				1				
	S2-21	R2-1	SPEED LIMIT								1.50				1		
	S2-22	R28S (CA)	NO STOPPING ANY TIME WITH ARROW	12 X 18	WHITE	II	RED	II	Х				1				
	S2-23	R28S (CA)	NO STOPPING ANY TIME WITH ARROW	12 X 18	WHITE	II	RED	II	Х		1.50		1				
	S2-24	R2-1	SPEED LIMIT								1.50				1		
	S2-25	R28S (CA)	NO STOPPING ANY TIME WITH ARROW	12 X 18	WHITE	II	RED	II	Х				1				
	S2-26	R28S (CA)	NO STOPPING ANY TIME WITH ARROW	12 X 18	WHITE	II	RED	II	Х		1.50		1				
	S2-27	R28S (CA)	NO STOPPING ANY TIME WITH ARROW	12 X 18	WHITE	II	RED	II	Х		1.50		1				
	S2-28	W12-2	LOW CLEARANCE								1.50						1
	S2-29	W34A (CA)	DISTANCE AHEAD PLAQUE														1
	S2-30	R28S (CA)	NO STOPPING ANY TIME WITH ARROW	12 X 18	WHITE	II	RED	II	Х				1				
	S2-31	R14-1	TRUCK ROUTE								1.50						1
	S2-32	M6-6	DIRECTIONAL ARROW AUXILIARY														1
	S2-33	M4-5	ТО												1		
	S2-34	G28-2 (CA)	STATE SHIELD FOR INDEPENDENT USE												1		
	S2-35	M6-6	DIRECTIONAL ARROW AUXILIARY												1		
	S2-36	M4-5	ТО	24 X 12	WHITE	III	BLACK			Х			1				
	S2-37	G28-2 (CA)	STATE SHIELD FOR INDEPENDENT USE	24 X 25	GREEN	III	WHITE		Х		2.00		1				
	S2-38	M6-6	DIRECTIONAL ARROW AUXILIARY	21 X 15	WHITE	III	BLACK			Х	4.17		1				
	S2-39	SPECIAL	LEGION OF VALOR MILITARY MUSEUM								2.19				1		
	S2-40	SPECIAL	HISTORICAL SITE												1		
	S2-41	D9-2	HOSPITAL SYMBOL												1		
	S2-42	D9-13a	HOSPITAL							ļ		1			1	\perp	
	S2-43	D4-1	PARKING AREA												1		
	S2-44	SPECIAL	CHUKCHANSI PARK									-			1	\perp	
	S2-45		NO STOPPING ANY TIME WITH ARROW												1	\perp	
	S2-46	SPECIAL	TREE CITY USA CITY OF FRESNO					<u> </u>							1	\perp	
	S2-47	R3-7R	RIGHT LANE MUST TURN RIGHT			-		<u> </u>				1			1		-
	S2-48	SPECIAL	CITY OF FRESNO EVENT IN PROGRESS	-		_			<u> </u>	<u> </u>		_	L			\perp	1
	S2-49	R28S (CA)	NO STOPPING ANY TIME WITH ARROW			-		+	ļ	 		+		$ \downarrow $	1	-	
	S2-50	W3-3	SIGNAL AHEAD SYMBOL			-		-	ļ	ļ		-		1		+	
	S2-51	W3-3	SIGNAL AHEAD SYMBOL					 	 	-		-	-	$\vdash \vdash$		1	-
	S2-52	W3-3 W34C (CA)	SIGNAL AHEAD SYMBOL CAUTION VERTICAL CLEARANCE 13'-3" ARROW					-	-	-		+-		1	1	+	_
	S2-53 S2-54	W34C (CA)	PARKING AREA			-		-	 	 		+-	-	1		+	
	S2-54 S2-55	SPECIAL	FRESNO FAX BUS STOP					+		<u> </u>		-				+-	1
	32-33	31 LOTAL	I INCORD I AN DOS STOP	L	L		<u></u>	L	CUDT	OTAL	20.75	10	11	7	16	1	6 2
							D	DQ-1	_	OTAL	20.35		8		2		5 0
	······							<u> </u>		OTAL	24.75 45.10		19		18		11 2
L										-	73.10					٦	· · · - ·

 Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Fre				
REG	Cui SISTERED C	H. Mw.	EER DATE	KEVIN MURA	T (20)
THE OR A THE	GENTS SHALL	LIFORNIA OR II NOT BE RESPO COMPLETENESS	Exp	.12/31/ CIVIL OF CALIF	13/2/



PAVEMENT DELINEATION AND SIGN QUANTITIES

PDQ-2

BORDER LAST REVISED 7/2/2010

REVISED BY DATE REVISED

KEVIN MURAI

CALCULATED-DESIGNED BY CHECKED BY

МОНАММЕВ QATAMI

TRAFFIC DESIGN

USERNAME => s127682 DGN FILE => 062HT20nc002.dgn

RELATIVE BORDER SCALE IS IN INCHES

0

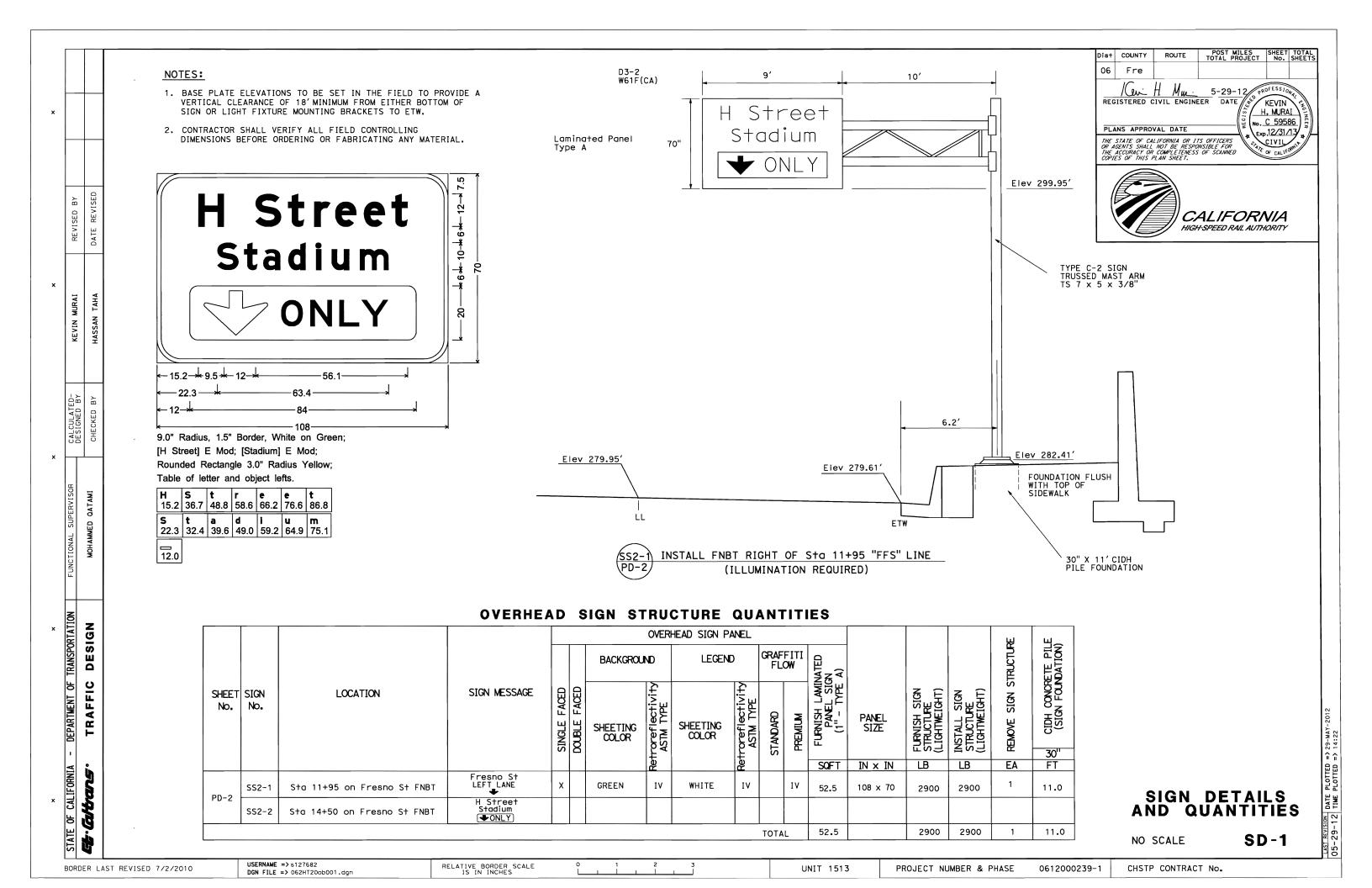
2 3

UNIT 1513 PROJECT NUMBER & PHASE

0612000239-1

CHSTP CONTRACT No.

VISION DATE PLOTTED => 29-MAY-201



ROBERTO BANDA DEPARTMENT OF TRANSPORTATION DIVISION DESIGN CALIFORNIA

MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)

Loca	ATION	DRIVEWAY	CURB & GUTTER	CURB RAMP	SIDEWALK	Conc CURB	Conc BARRIER Trans
FROM	ТО	CY	CY	CY	CY	CY	CY
"GST" € S+a 31+66.00 R+ DWY-1	SEE Sht L-1	2.5					
"GST" € S+a 35+30.00 R+ DWY-2	SEE Sht L-1	3.3					
"GST" € S+a 36+03.00 R+ DWY-3	SEE Sht L-1	3.3					
"GST" © Sta 36+78.00 Rt DWY-4	SEE Sht L-1	1.3					
"FFS" & Sta 10+98.50 Lt DWY-5	SEE Sht L-1	8.8					
"FFS" & Sta 10+98.50 Rt DWY-6	SEE Sht L-1	8.8					
"FFS" & Sta 11+29.00 Rt DWY-7	SEE Sht L-1	4.4					
"GST" & Sta 30+00.00 Lt	"GST" & Sta 32+35.00 Lt		21.7				
"GST" © Sta 31+50.00 Rt	"GST" & Sta 32+35.00 Rt		10.9				
"GST" ¢ S+a 34+50.00 L+	"GST" & Sta 37+25.00 Lt		25.4				
"GST" ¢ Sta 35+00.00 Rt	"GST" & Sta 37+25.00 Rt		20.8				
"FFS" & Sta 09+46.22 Rt	"FFS" & Sta 17+36.18 Rt		73.2				
"FFS" & Sta 10+25.00 Lt	"FFS" © Sta 17+28.26 Lt		65.0				
"FFS" SE CORNER F & FRESNO S†	SEE Sht C-7			4.2			
"FFS" SW CORNER F & FRESNO S+	SEE Sht C-8			11.4			
"FFS" NW CORNER F & FRESNO S+	SEE Sht C-9			7.4			
"GST" € Sta 30+00.00 Lt	"GST" € Sta 32+35.00 Lt				23.3		
"GST" © Sta 31+50.00 Rt	"GST" & Sta 32+35.00 Rt				7.7		
"GST" Q S+a 34+50.00 L+	"GST" € S+a 37+25.00 L+				26.0		
"GST" & Sta 35+00.00 Rt	"GST" € S+a 37+25.00 R+				19.6		
"FFS" Q Sta 09+46.22 Rt	"FFS" € S+a 17+36.18 R+				109.7		
"FFS" © Sta 10+25.00 Lt	"FFS" © Sta 17+28.26 Lt				108.9		
"FFS" © Sta 10+53.74 Lt	"FFS" & Sta 10+91.00 Lt					1.9	
"FFS" & Sta 11+06.00 Lt	"FFS" & Sta 11+18.00 Lt					1.0	
"FFS" & Sta 11+06.00 Rt	"FFS" & Sta 11+18.00 Rt					1.9	
"FFS" © Sta 09+46.22 Rt	"FFS" & Sta 10+91.00 Rt					5.1	
"FFS" & Sta 09+60.22 MEDIAN	"FFS" & Std 18+40.00 MEDIAN					54.4	
"FFS" © Sta 11+18.00 Lt	"FFS" & Sta 12+00.00 Lt						2.2
"FFS" & Sta 11+50.00 Rt	"FFS" C Sta 12+00.00 Rt						1.3
"FFS" ¢ Sta 15+75.00 Lt	"FFS" & Sta 16+75.00 Lt						2.6
"FFS" & Sta 15+75.00 Rt	"FFS" Q Sta 16+75.00 Rt						2.6
	SUBTOTAL	32.4	217.0	23.0	295.2	64.3	8.7
	TOTAL			640.6			

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS						
06	Fre										
PLANS APPROVAL DATE 5/29/12 PREGISTERED CIVIL ENGINEER 5/29/12 PARE 5/29/12 PARE 5/29/12 PARE 5/29/12 PROFESSIONA PROFESSIO											
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.											
		<u></u>									



EARTHWORK

DESCRIPTION	ROADWAY EXCAVATION	IMPORT BORROW
	CY	CY
FRESNO S+ "FFS" & Sta 10+00.00 TO 16+75.00	14,040	65
G S+ "GS" & S+a 30+00.00 TO 37+25.00	1,510	2,555
TOTAL	15,550	2620

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

STRUCTURAL SECTION

LOCATION	HOT MIX ASPHALT (TYPE A)	CLASS 2 AGGREGATE BASE
	TON	CY
FRESNO S+ "FFS"	1,470	2,250
G S+ "GST" @ S+a 30+00 TO 37+25	1,402	2,077
HMA (Misc AREA) (SHEET Q-2)	501	
TOTAL	3,373	4,327

CONCRETE BARRIER (TYPE 60 MODIFIED)

LOCATION						
FROM	TO	CY				
"FFS" & Sta 12+00.00, Lt	"FFS" & Sta 15+75.00. Lt	50.6				
"FFS" & Sta 12+00.00, Rt	"FFS" & Sta 15+75.00, Rt	50.6				
то	TAL	101.2				

SUMMARY OF QUANTITIES

NO SCALE

Q-1

BORDER LAST REVISED 7/2/2010 USERNAME => \$126560
DGN FILE => 062HT20pa001.dgn

an .

RELATIVE BORDER SCALE IS IN INCHES

LE

3 UNIT 1469

PROJECT NUMBER & PHASE

0612000239-1

CHSTP CONTRACT No.

DATE PLOTTED => 30-M

REVISED BY	REVISED			(N)			Lo	DCATION	5 A (NI)	
VISE		LOCATION	AREA	MINOR			FROM	ТО	EA (N)	
R	DATE			CONCRETE			"FFS" & Sta 10+00.00	"FFS" & Sta 16+50.00	4	L
	\vdash	FROM TO	SQFT	CY			"GST" € S+a 30+25.00	"GST" € S+a 36+75.00	11	
		"FFS" © Sta 09+60.22 "FFS" © Sta 18+40.00	5,244.3	48.6						
×	4	(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION	ONLY.					TOTAL	15	
GILBERTO BACA	ALEJANDRO CORREA						(N) NOT A SEPARATE PAY	ITEM, FOR INFORMATION ONLY	<i>(</i> .	
ED- BY	ВУ	PLACE HOT MIX A	SPHAL	T (MISCE	LLANEOUS	AREA)		R	EMOVE	MBGI
ALCULATED- ESIGNED BY	НЕСКЕО ВҮ	PLACE HOT MIX A	SPHAL	T (MISCE	HMA (TYPE A)*	AREA)		R	LOCATION	MBGI

TON

31.8

86.2

3.1

5.9

4.5

268.5

100.7

500**.**6 *

MEDIAN BEGIN SAW CUT

MEDIAN END SAW CUT

MATCH Exist CURB AND GUTTER MATCH Exist CURB AND GUTTER

MATCH Exist CURB AND GUTTER

SQYD

36.3

98.2

3.5

6.7

5.1

306.0

114.8

BUS SHELTER

"FFS" © Sta 14+58.50

TOTAL

"FFS" © Sta 14+21.00

LOCATION	EA
"FFS" Sta 9+90.00, Rt	1
TOTAL	1

DESTROY WELLS

"FFS" & Sta 09+38.54 TO "FFS" & Sta 10+00.00 SEE Sht C-1

"FFS" € Sta 16+75.00 TO "FFS" € Sta 18+45.00 SEE Sht C-4

"FFS" CURB RAMP SE CORNER FRESNO St AND F St SEE Sht C-7

"FFS" CURB RAMP SW CORNER FRESNO S+ AND F S+ SEE Sh+ C-8

"FFS" CURB RAMP NW CORNER FRESNO S+ AND F S+ SEE Sh+ C-9

TOTAL * QUANTITY INCLUDED IN STRUCTURAL SECTION QUANTITIES TABLE.

SEE DRAINAGE SHEETS

"FFS" € Sta 11+29.00 DWY-7 SEE Sht C-1

LOCATION	EA (N)
"FFS" © Sta 12+17.45 Rt 31.8'	1
"GST" € Sta 35+25.30 LT 28.3′	1
TOTAL	2

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

SUMMARY OF QUANTITIES

NO SCALE

Q-2

POST MILES SHEET TOTAL TOTAL PROJECT No. SHEETS

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

GILBERTO No. 63140

Exp.6/30/12

ROUTE

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

LF

50

50

Hilleto Pace 5/29/12 PROFESSION DATE GO GILBERTO

USERNAME => s126560 DGN FILE => 062HT20pa002.dgn 0612000239-1 CHSTP CONTRACT No. UNIT 1469 PROJECT NUMBER & PHASE BORDER LAST REVISED 7/2/2010

		LEGEND:(FOR SHEETS	S E-2	AND E	<u> </u>							
REVISED BY	DATE REVISED	1 2 3 4 5 6	SEE SHEET E TO SERVICE TO EXISTING SEE SHEET E RC EXISTING	E-5 FOR EQUIPME STREET E-6 FOR G PB, SE	EXISTIN ENT ENCI LIGHTS EXISTII E E-3 F	TING SERVICE EQUIPMENT ENG SIGNAL STANDARD AND ELOSURE AT NW CORNER OF SERVICE EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT EQUIPMENT E	PULL BOX R FRESNO S+ PULL BOX R DNDUCTORS.	AND H St.					
			AMPERES	VOLTS	POLES	NAMEPLATE	METER	PHOTOELECTRIC CONTROL TYPE					
	ı		100	240	2	MAIN BREAKER	NO						
T. VO	ATTALLAH		40	120	1	STREET LIGHT 1	NO	II					
DANIEL .	MONA AT		40	120	1	STREET LIGHT 2	NO	II					
DAI	MON		40	120	1	STREET LIGHT 3	NO	II					
			40	120	1	ILLUMINATION SIGN	NO	SC1A					
TED- 0 BY	BY		15	120	1	LIGHT CONTROL	NO						
FUNCTIONAL SUPERVISOR CALCULATED-	ALI BAKHDOUD CHECKED	9 10 11	9 1½"C, 2#6 (LTG). 10 SEE SHEET E-7 CONDUIT RUN A FOR CONDUCTORS. 11 SEE SHEET E-7 CONDUIT RUN A FOR CONDUCTORS. 12 SEE SHEET E-7 CONDUIT RUN A FOR CONDUCTORS. 13 SEE SHEET E-7 FOR TRAFFIC SIGNAL PULL BOXES LOCATION. 14 SEE SHEET E-2 FOR RE EXISTING PULL BOX.										
ATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	<i>್ಡಿರ್ರೆವಾತ</i> ಿ ELECTRICAL DESIGN	19 20 21 22	$1\frac{1}{2}$ "C, TYPE $1\frac{1}{2}$ "C, 3#6 ($1\frac{1}{2}$ "C, 4#6 ($1\frac{1}{2}$ "C, TYPE INSTALL PHO $1\frac{1}{2}$ "C, TYPE SEE SIGN PL	1, 4#6 LTG), 2 [‡] LTG). 1, 3#6 DTO ELEC 1, 3#6 _ANS FO	(LTG). #6 (SIGN (LTG), 2 CTRICAL (LTG). R SIGN I	2#6 (SIGN). Unit on top of Luminair	RE.						

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	SHEETS			
06	Fre							
	, ,	hallo CTRICAL ENGII VAL DATE	NEER DATE	DANIEL HANH V 17408	O LING INEER			
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.								

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

SYMBOLS:

PROPOSE EXISTING **○**C ~--(c) CITY OF FRESNO DECORATIVE ELECTROLIER -CITY OF FRESNO DECORATIVE ELECTROLIER ON STRUCTURE (e) CITY OF FRESNO COMMUNICATION CABINET V [🛛] 4'X7' FIBER OPTIC VAULT

ABBREVIATIONS:

PWSTD - CITY OF FRESNO PUBLIC WORK STANDARD DRAWING

PWSTS - CITY OF FRESNO PUBLIC WORK STANDARD SPECIFICATIONS

PG&E - PACIFIC GAS AND ELECTRIC

ITS - INTELLIGENT TRANSPORTATION SYSTEM

HDPE - HIGH DENSITY POLYETHYLENE SMFO - SINGLE MODE FIBER OPTIC

GENERAL NOTES: (FOR SHEETS E-1, E-2, AND E-3)

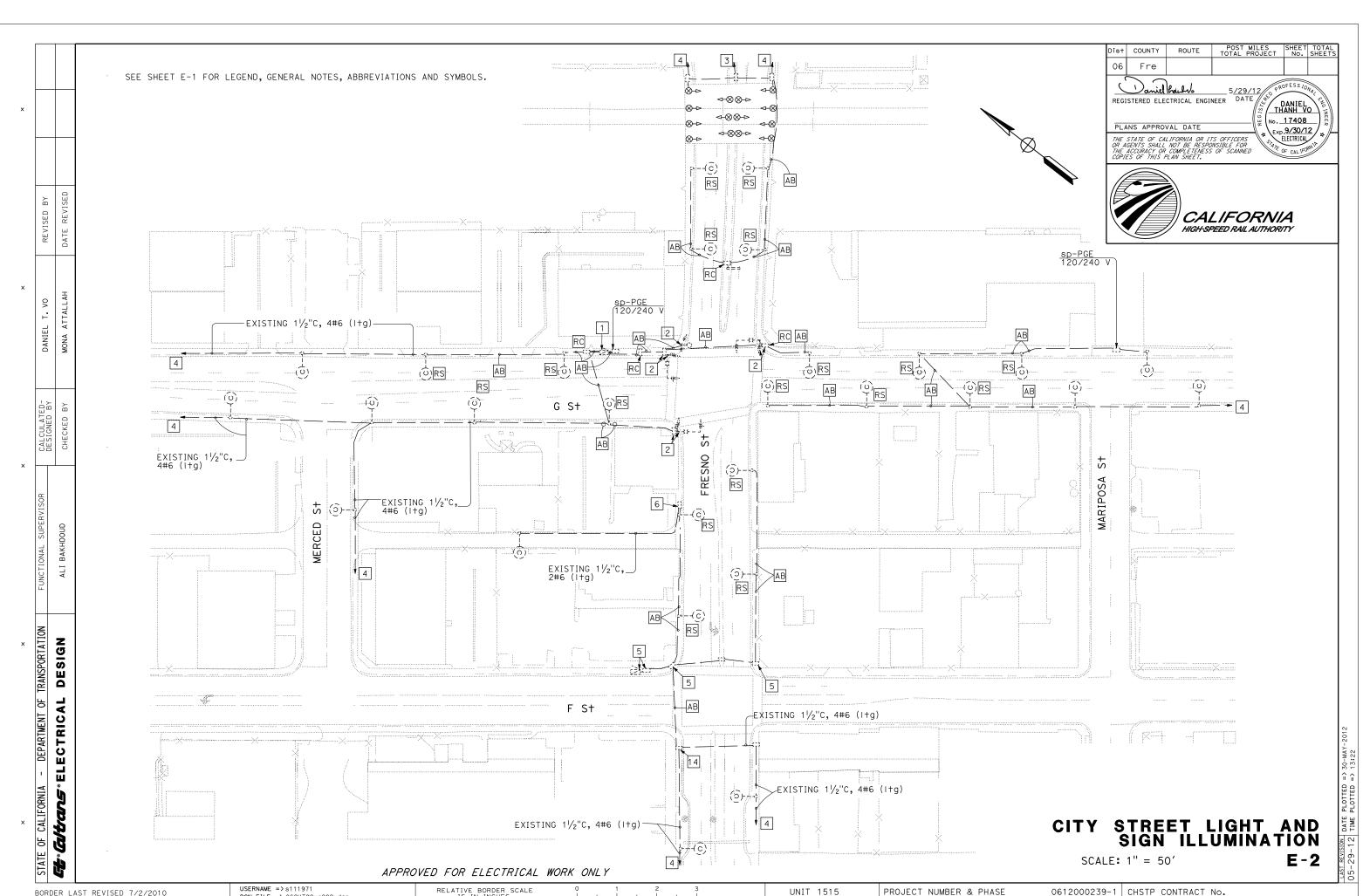
- 1. ALL WORK SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS, STANDARD SPECIFICATIONS, CITY OF FRESNO PUBLIC WORK DEPARTMENT STANDARD PLANS, AND CITY OF FRESNO PUBLIC WORK DEPARTMENT STANDARD SPECIFICATIONS.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UNDERGROUND UITILITIES, WETHER OR NOT THEY ARE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CONTACT US (800-642-2444) AT LEAST 48 HOURS BEFORE BEGINNING WORK. WHERE MARKING ARE NEAR PROPOSED FOUNDATONS, THE CONTRACTOR SHALL LOCATE UNDERGROUND UITILITIES BY POT HOLDING PRIOR TO EXCAVATIN, CALTRANS IS NOT A MEMBER OF USA UNDERGROUND LOCATING SERVICE.
- 3. ALL LUNINAIRE SHALL BE COBRA HEAD TYPE, 120V HIGH PRESSURE SODIUM VAPOR WITH HIGH POWER FACTOR BALLAST, LENS SHALL BE POLYCARBONEATE PLASTIC AND BULB SHALL BE 70 WATTS. REFER TO PWSTD AND PWSTS FOR DETAILS.
- 4. THE DECORATIVE STREET LIGHT POLE STANDARDS SHALL APPLY TO THE "DOWNTOWN FRESNO AREA" AS DEFIND BY CITY OF FRESNO PUBLIC WORK DRAWING. REFER TO PWSTD AND PWSTS FOR DETAILS.
- 5. ALL PULL BOXES FOR CITY STREET LIGHTS SHALL BE No. $3\frac{1}{2}$ UNLESS OTHERWISE NOTED. REFER PWSTD FOR DETAIL.
- 6. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

CITY STREET LIGHT AND SIGN ILLUMINATION

NO SCALE

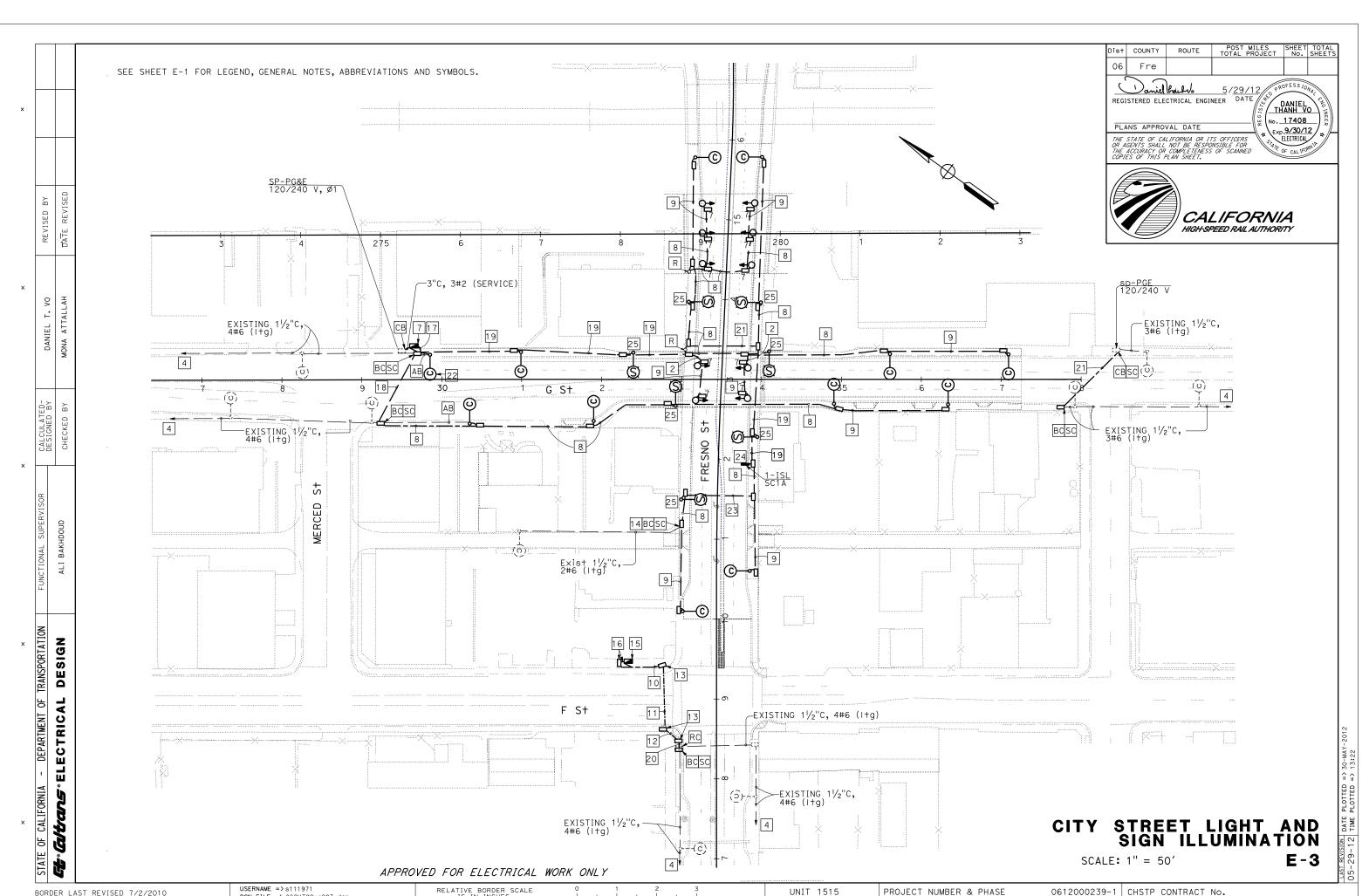
BORDER LAST REVISED 7/2/2010

APPROVED FOR ELECTRICAL WORK ONLY



DGN FILE => 062HT20ua002.dgn

RELATIVE BORDER SCALE IS IN INCHES



DGN FILE => 062HT20ua003.dgn

RELATIVE BORDER SCALE IS IN INCHES

LEGENDS: (FOR SHEETS E-5, E-6, E-7, AND E-8)

- 1 RS EXISTING TYPE A SERVICE ENCLOSURE.
- 2 SEE SHEET E-2 FOR REMOVAL OF EXISTING TYPE 3R ENCLOSURE.
- 3 RELOCATE CCTV AND CCTV STANDARD TO INTERSECTION AT FRESNO S+ AND F S+. SEE SHEET E-7 FOR CCTV RELOCATION.
- 4 AB EXISTING DETECTOR LOOPS.
- RELOCATE CCTV EQUIPMENT TO INTERSECTION AT FRESNO S+ AND F S+. RELOCATE CCTV EQUIPMENT TO INTERSECTION AT THE STATE OF T
- 6 RS EXISTING SIGNAL STANDARD, RELOCATE SNS TO POLE G SHEET E-7.
- 7 RS EXISTING SIGNAL STANDARD, RELOCATE SNS TO POLE C SHEET E-7.
- 8 RS EXISTING SIGNAL STANDARD, RELOCATE SNS TO POLE E SHEET E-7.
- 9 RS EXISTING SIGNAL STANDARD, RELOCATE SNS TO POLE A SHEET E-7.
- 10 120/240 V, 1ø, 3 WIRE, TYPE III-AF CITY SERVICE EQUIPMENT ENCLOSURE WITH THE FOLLOWING CIRCUIT BREAKERS:

AMPERES	VOLTS	POLES	NAMEPLATE	METER	PHOTOELECTRIC CONTROL TYPE	
100	240	3	MAIN BREAKER	1-METER 2-UNMETER		
40	120	1	TRAFFIC SIGNAL	YES		
40	120	1	STREET LIGHT 1	NO	II	
40	120	1	STREET LIGHT 2	NO	II	
40	120	1	SAFETY LIGHT	NO	II	
15	120	1	LIGHT CONTROL	NO		
		4	SPACE			

REFER TO PWSTD DETAIL ON SERVICE EQUIPMENT ENCLOSURE.

USERNAME => s111971

- MODEL 332L CABINET WITH 2070L CONTROLLER PER PWSTS. REFER TO PWSTD FOR MODEL 3321 DETAIL.
- MODEL 336 COMMUNICATION CABINET WITH RELOCATED EXISTING CCTV EQUIPMENT IN NOTE 5 SHEET E-5.
- 13 FIBER OPTIC VAULT. REFER TO PWSTD DETAIL.
- [14] 6-11/2"C HDPE, 1-6 SMFO. REFER TO PWSTD FOR ITS CONDUIT INSTALLATION DETAIL.
- 2-11/2"C HDPE, 1-CAT 5E, AND 3 CAMERA POWER CABLES. REFER PWSTD FOR ITS CONDUIT INSTALLATION DETAIL.
- 16 RELOCATE CCTV AND CCTV STANDARD FROM INTERSECTION AT FRESNO S+ AND G S+ AS NOTE 3 SHEET E-5.
- 17 INSTALL PEU ON TOP OF LUMINAIRE.
- INSTALL RELOCATED SNS FROM 9 SHEET E-5 ON SIGANL POLE.
- INSTALL RELOCATED SNS FROM 7 SHEET E-5 ON SIGANL POLE.
- 20 INSTALL RELOCATED SNS FROM 8 SHEET E-5 ON SIGANL POLE.
- 21 INSTALL RELOCATED SNS FROM 6 SHEET E-5 ON SIGANL POLE.
- 22 TO STREET LIGHT PULL BOX. SEE SHEET E-3 FOR CONTINUATION.
- REFER TO PWSTD FOR LOOP DETECTOR PLACEMENT DETAIL.
- TO CONTROLLER CABINET AT SOUTH EAST CORNER OF INTERSECTION FRESNO S+ AND E S+.
- 25 RCEXISTING 6-SMO, ADD 6-SMO. REFER TO SHEET E-9 FOR FIBER OPTIC DIAGRAM.
- TO EXISTING FIBER OPTIC VAULT AT NORTH EAST CORNER OF INTERSECTION FRESN S+ AND BROADWAY S+. SEE SHEET E-9 FOR FIBER OPTIC CONNECTION.

GENERAL NOTES FOR SHEETS E-5, E-6, E-7, E-8 AND E-9

- 1. ALL WORK SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS, STANDARD SPECIFICATIONS, CITY OF FRESNO PUBLIC WORK DEPARTMENT STANDARD PLANS, AND CITY OF FRESNO PUBLIC WORK DEPARTMENT STANDARD SPECIFICATIONS.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UNDERGROUND UITILITIES, WETHER OR NOT THEY ARE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CONTACT US (800-642-2444) AT LEAST 48 HOURS BEFORE BEGINNING WORK. WHERE MARKING ARE NEAR PROPOSED FOUNDATONS, THE CONTRACTOR SHALL LOCATE UNDERGROUND UITILITIES BY POT HOLDING PRIOR TO EXCAVATIN, CALTRANS IS NOT A MEMBER OF USA UNDERGROUND LOCATING SERVICE.
- 3. SEE SHEET E-1 FOR SYMBOLS AND ABBREVIATIONS.
- 4. REFER TO PWSTD AND PWSTS FOR DECORATIVE SIGNAL STANDARD IN DOWNTOWN AREA.
- 5. ALL PULL BOXES SHALL BE No. 5 (E), UNLESS OTHERWISE NOTED.
- 6. RIGHT OF WAY LIMITS ARE INDETERMINATE, AND ARE NOT SHOWN. THE CONTRACTOR MUST CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE FOR CONDITIONS OF USE PRIOR TO COMMENCING WORK.

POLE AND EQUIPMENT SCHEDULE

	STANDARD			VEH SIG MTG		PED	PPB		HPS	
	TYPE	SMA	LMA	MAST ARM	POLE	SIG MTG	Ø	ARROW	LUM	SPECIAL REQUIREMENTS
\bigcirc	24-3-113	35	12	MAS MAS	SV-1-T	SP-1-T	4	-	200 W	18 F=16'
\bigcirc	1 – A				TV-2-T	SP-1-T	4	-		
	26-3-113	45	12	MAS MAS	SV-1-T	SP-1-T	2	-	200 W	19 F=19'
	1 – A				TV-2-T	SP-1-T	2			
E	24-3-113	35	12	MAS MAS	SV-1-T	SP-1-T	8	-	200 W	20 F=16'
E	1 – A				TV-2-T	SP-1-T	8	_ -		
(G)	26-3-113	45	12	MAS MAS	SV-1-T	SP-1-T	6	-	200 W	21 F=19'
\bigcirc	1 – A				TV-2-T	SP-1-T	6			

Dist COUNTY ROUTE POST MILES SHEET TOTAL TOTAL PROJECT No. SHEETS REGISTERED ELECTRICAL ENGINEER DATE DANIEL THANH VO No. 17408 PLANS APPROVAL DATE EXP.9/30/12 ELECTRICAL THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



CONDUIT RUN

CABLE SCHEDULE				NUMBER AND SIZE								
CABLE	POLE	PHASE	1	2	3	4	5	6	7	8	9	
TYPE			2- 4"	2- 4"	4''	4''	4''	4''	4"	4''	4"	
/	(A)	1,6,6P 4	1/1	1/1								
VEH-PED / 12CSC	<u>B</u>	1,2,2p 4	1/1	1/1	<u> </u>							
		7,4,4P 2	1/1	*		1/1						
		7,8,8p 2	1/1	1/1	1/1	1/1	1/1					
	<u>E</u>	2,5,2p 8	1/1	1/1	1/1	1/1	1/1	1/1				
	E	5,6,6p 8	1/1	1/1					1/1	1/1	1/1	
/ PPB		3,8,8p 6	1/1	1/1					1/1	1/1		
/ 3CSC	\bigoplus	3,4,4p 6	1/1	1/1					1/1			
		TOTAL	8/8	8/8	4/4	3/3	2/2	1/1	3/3	2/2	1 1	
AWG		CIRCUIT	4	<u> </u>		<i>V</i>	<i>v</i>	/		/		
#6	SAFFT	Y LIGHT AND REET LIGHT	6	6	6	6	2	2	2	2		
#12		PEU	3	3								
EVC			4	4	2	2	2	2	1	1		
SIC			1	1	1	1	1				\vdash	
DETECTOR	S-TYPE	B DLC										
PHASE												
Ø1			2	2					2	2	2	
Ø2			2	2	2							
ø2 ADV			1	1	1							
ø3			2	2	2	2	2					
Ø4			2	2					2			
ø4 ADV			1	1					1			
Ø5			2	2	2							
ø6			2	2					2	2	2	
ø6 ADV			1	1					1	1	1	
ø7			2	2					2			
ø8			2	2	2	2	2					
Ø8 ADV			1	1	1	1	1					
		TOTAL	20	20	10	5	5		10	5	5	
COUNDUIT RUN	5_	SHALL BE TYF	'E 1									

COUNDUIT RUN 3 / 5 / 6 SHALL BE TIPE T.

CABLE SCHEDULE

MODIFY SIGNAL AND LIGHTING MODIFY CLOSED CIRCUIT TELEVISION

NO SCALE

E-4

APPROVED FOR ELECTRICAL WORK ONLY

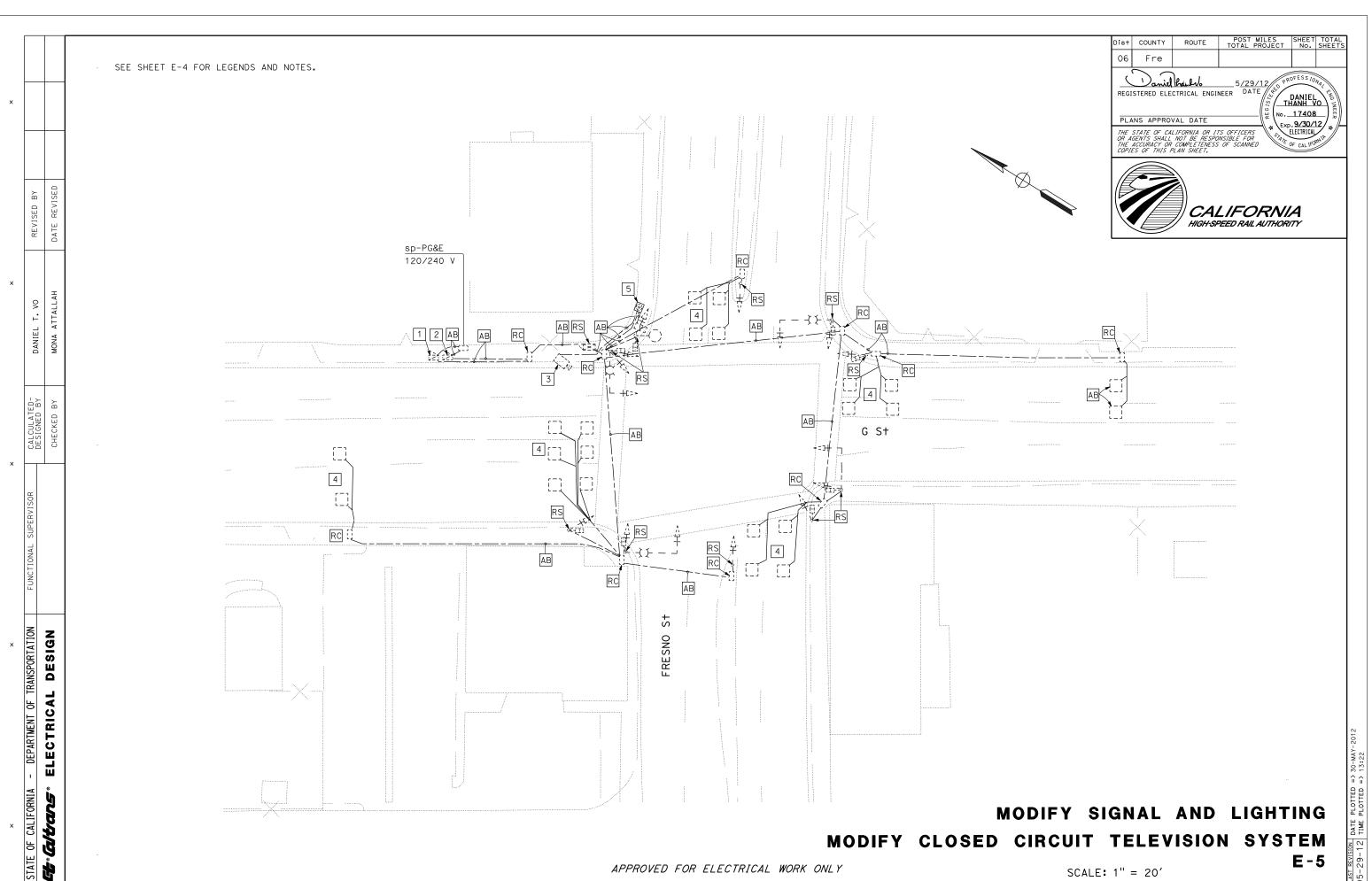
DGN FILE => 062HT20ua004.dgn

RELATIVE BORDER SCALE
IS IN INCHES

PROJECT NUMBER & PHASE

0612000239-1 CHSTP CONTRACT No.

UNIT 1515



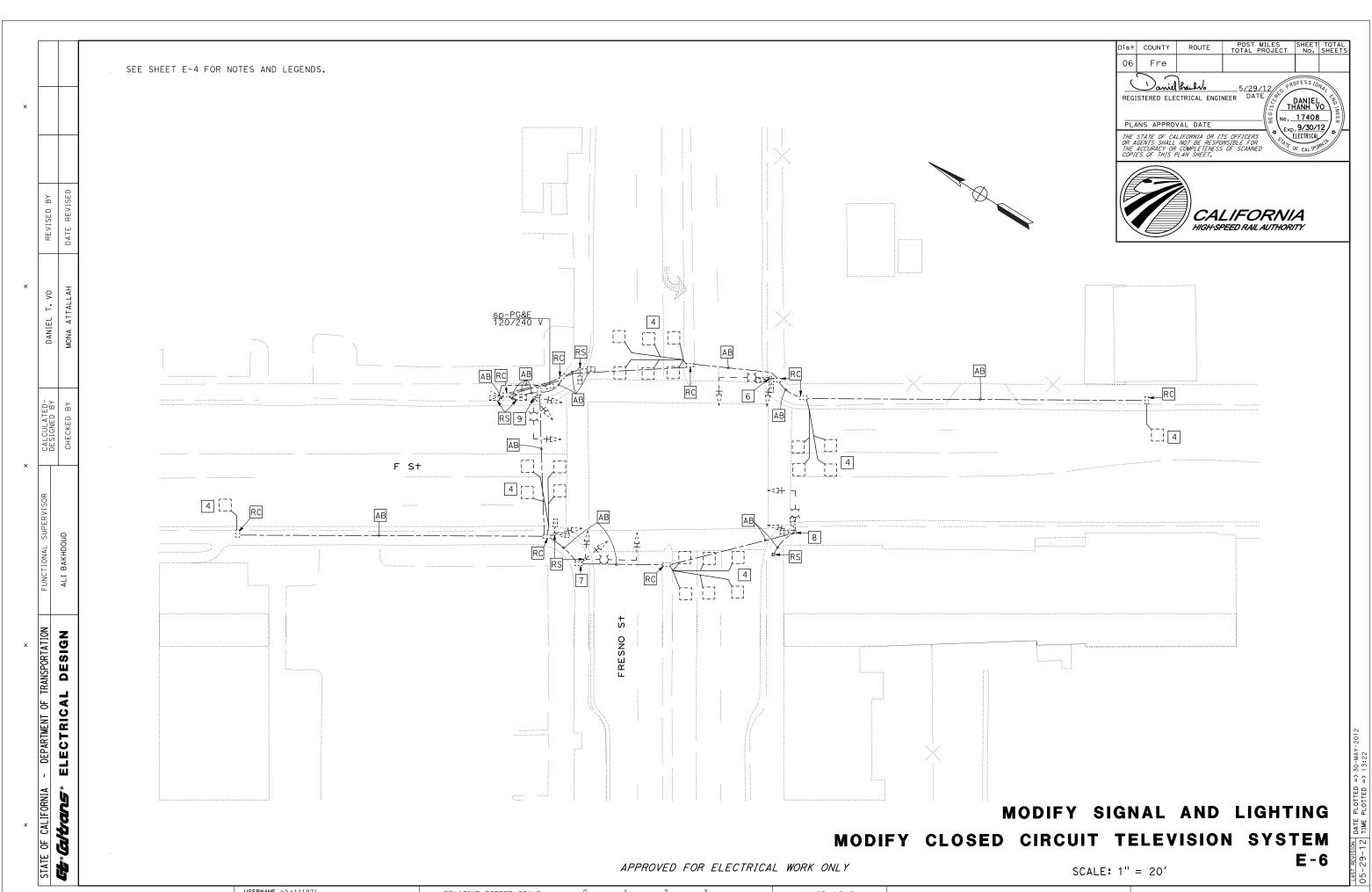
USERNAME => s111971 DGN FILE => 062HT20ua005.dgn

RELATIVE BORDER SCALE IS IN INCHES

UNIT 1515

PROJECT NUMBER & PHASE

0612000239-1 CHSTP CONTRACT No.



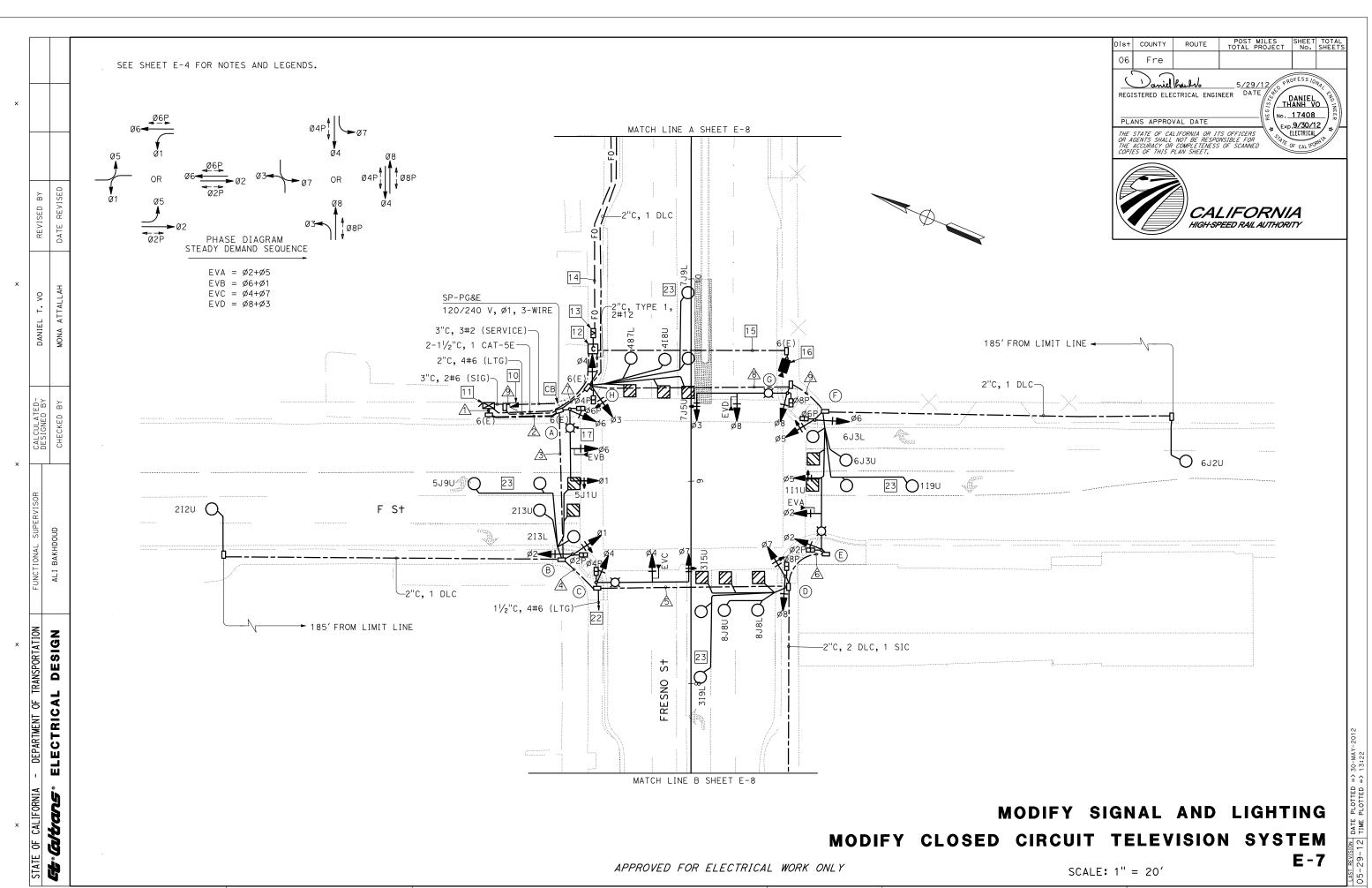
USERNAME => s111971 DGN FILE => 062HT20ua006.dgn

RELATIVE BORDER SCALE IS IN INCHES

UNIT 1515

PROJECT NUMBER & PHASE

0612000239-1 CHSTP CONTRACT No.

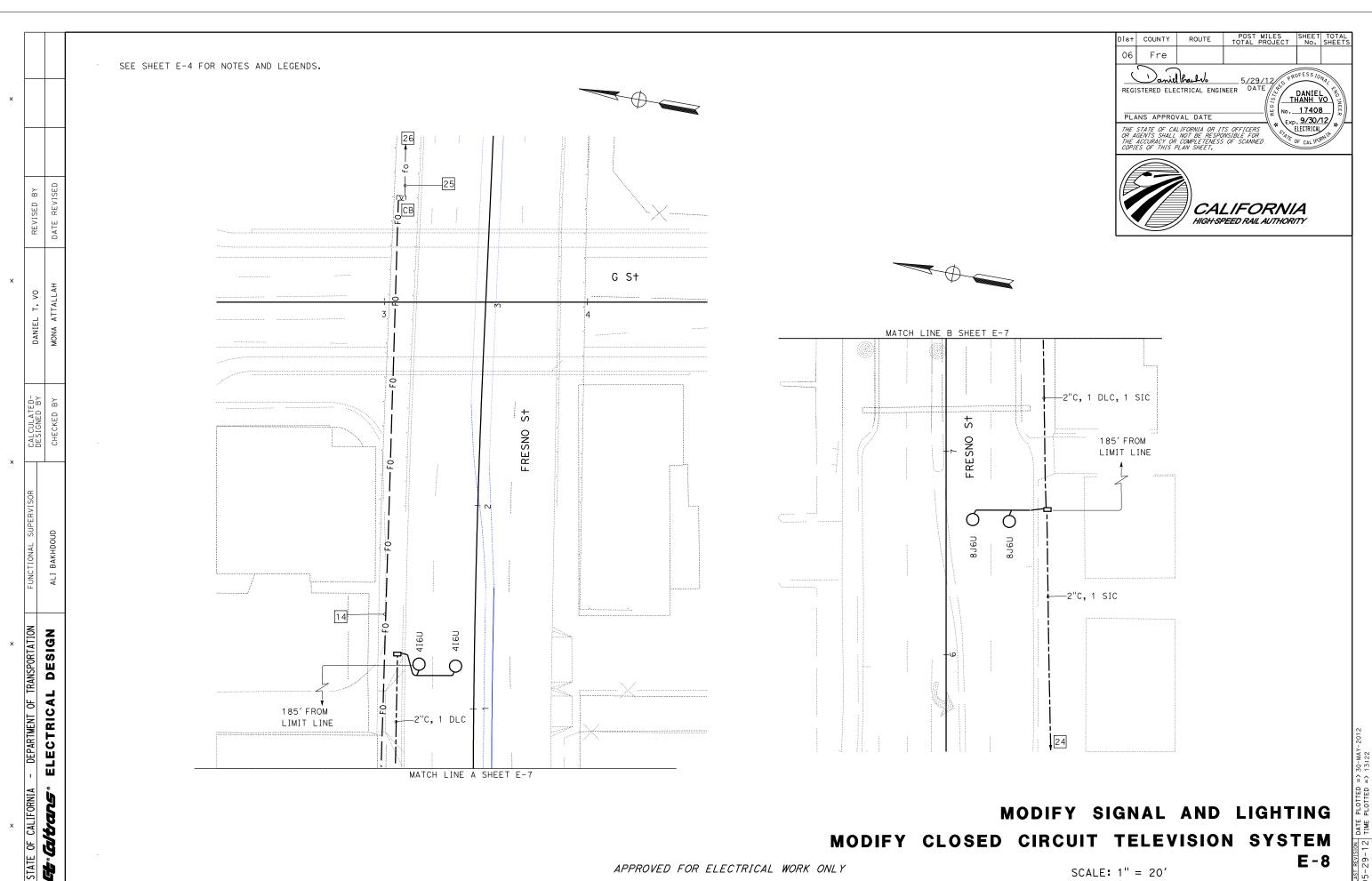


USERNAME =>s111971 DGN FILE => 062HT20ua007.dgn

UNIT 1515

PROJECT NUMBER & PHASE

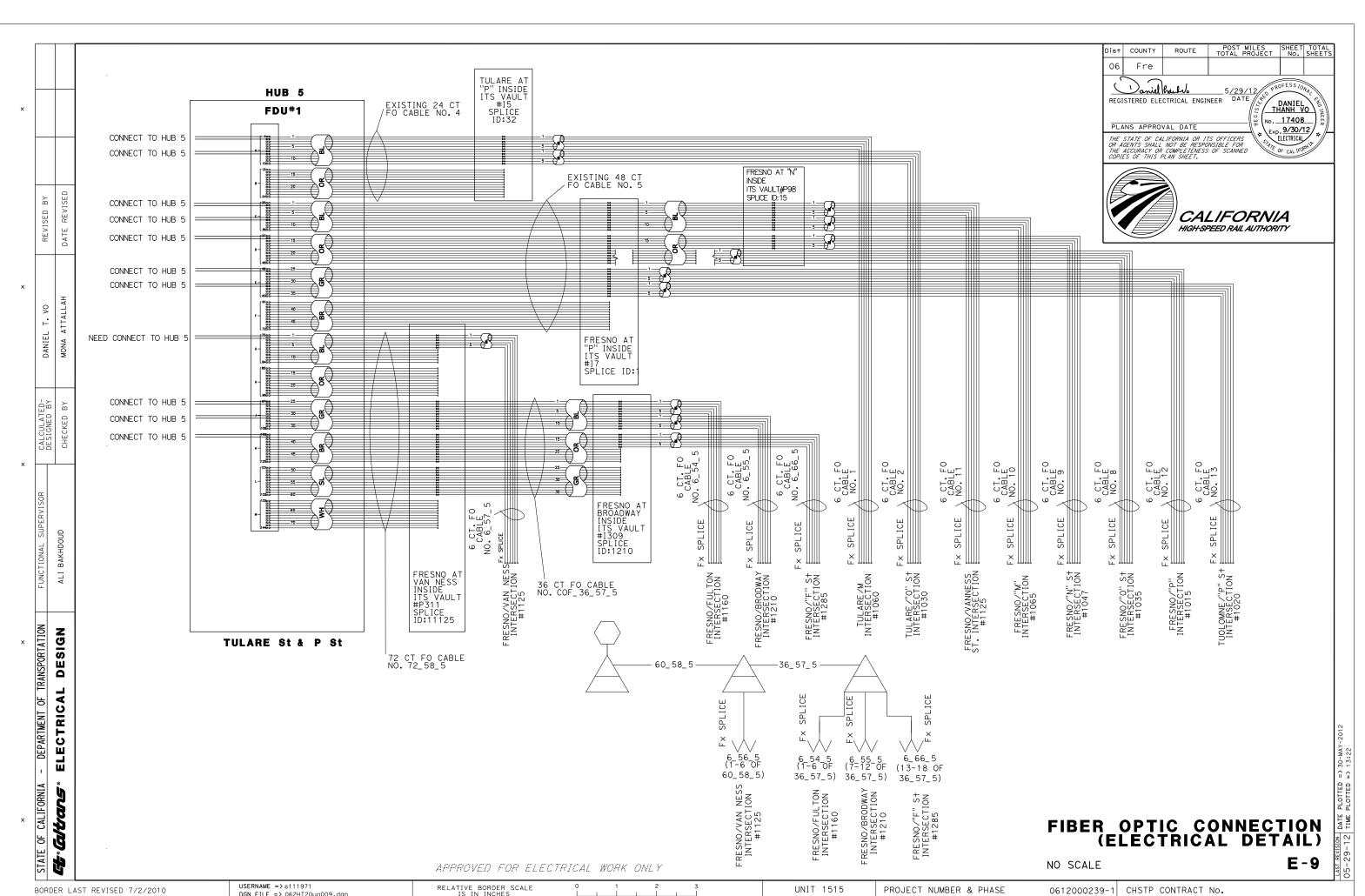
0612000239-1 CHSTP CONTRACT No.



USERNAME => s111971 DGN FILE => 062HT20ua008.dgn

0612000239-1 CHSTP CONTRACT No.

UNIT 1515



DGN FILE => 062HT20ua009.dgn

RELATIVE BORDER SCALE IS IN INCHES

UNIT 1515